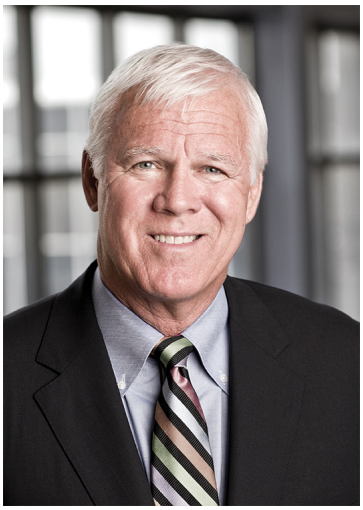
2014-2015 Academic Catalog

Introduction

President's Message



Clarkson College is rich in history, academic excellence and unmatched in preparing students to be the best in the field of health care. The heart of our success resides in our dedicated staff, committed student body and outstanding faculty members. As a student, you will have the opportunity to experience our proud, long-standing tradition of upholding our Mission of preparing students to professionally provide high quality, ethical and compassionate health care services.

During the last 125 years, we have learned a few things about preparing students to provide high quality health care services, and our results are showing it. While focusing on quality we have not forgotten about cost. Clarkson College is committed to responsible control of expenses for students and parents. This combination of quality and efficiency equates to value at a private college you can afford.

Clarkson College offers undergraduate degrees, graduate degrees, post-graduate certificates and doctoral degrees in health sciences and health care business. The College is devoted to ensuring high quality health care education in the classroom, online or on campus, and during clinical experiences.

Clarkson College Highlights and Key Facts:

- Nebraska's first health care education institution.
- More than 1,200 students learning on-campus and online.
- Learning focused on patient, caring, integrity and a commitment to excellence.
- A student to faculty ratio of 14:1.
- Pass rates on national board exams consistently above the state and national average.
- The Nursing program began 125 years ago.
- Clarkson College has the largest Radiologic Technology and Physical Therapist Assistant programs in the state of Nebraska.
- Clarkson College has the only PTA transfer program in the Midwest.
- Clarkson College is the only accredited Bachelor's degree in Health Information Management program in Nebraska and Iowa.
- Clarkson College is the second least expensive private college in Nebraska.
- Access for our graduates to the largest and best medical campus in the region, The Nebraska Medical Center.

Our faculty and staff are anxious to prepare you with the high quality education you are seeking. We are passionate about your success not only during your time at Clarkson College, but also long after you graduate.

Sincerely,
Louis W. Burgher, M.D., Ph.D.
President

Mission & Values

Mission

Preparing students to professionally provide high quality, ethical and compassionate health care services.

Values

Learning: The lifelong process of education through both structured and unstructured experiences.

Caring: An empowering relationship through an attitude of empathy, compassion and respect for those with whom we interact, serve and lead.

Commitment: Dedication to the shared mission of Clarkson College.

Integrity: Adherence to moral and ethical standards in personal, professional and organizational actions.

Excellence: A level of performance in which all individuals strive for extraordinary quality.

Accreditation & Approvals

Clarkson College has maintained continuous accreditation with The Higher Learning Commission North Central Association of Colleges and Schools (NCA) from 1984 to present.

The **Bachelor of Science in Nursing** and the **Master of Science in Nursing** programs have accreditation from the Accreditation Commission for Education in Nursing (ACEN).
3343 Peachtree Road NE, Suite 850 Atlanta, GA 30326 **PH** 404.975.5000 acenursing.org

The **Bachelor of Science in Nursing** program is also approved by the Nebraska State Board of Nursing. www.hhs.state.ne.us/crl/nursing/nursingindex.htm

The **Master of Science in Nursing with a specialization in Nurse Anesthesia** program is also accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA). 222 S. Prospect Ave. Park Ridge, IL 60068 **PH** 847.655.1160

The **Diploma in Practical Nursing** program has approval for operation from the Nebraska State Board of Nursing. www.hhs.state.ne.us/crl/nursing/nursingindex.htm

The **Associate of Science in Radiologic Technology** program is fully accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). As an accredited program, the Radiologic Technology program is required to meet standards which can be found at: jrcert.org/acc_standards.html

Complaints or concerns involving accreditation issues should be directed to the Faculty Committee (any faculty member) or the JRCERT. 20 N. Wacker Drive, Suite 2850 Chicago, IL 60606 **PH** 312.704.5300 JRCERT@aol.com

Upon receipt of any allegations of non-compliance, the program director and the faculty involved will investigate the report within three weeks. If an incident of non-compliance is identified, the program director and faculty will take action within the following three weeks to remedy the situation. The results of such actions will be reviewed and discussed during the next Faculty Committee meeting.

The **Associate of Science in Physical Therapist Assistant** program has accreditation from the Commission on Accreditation in Physical Therapy Education (CAPTE).
1111 North Fairfax Street Alexandria, VA 22314 **PH** 703.706.3245
accreditation@apta.org capteonline.org

The **Master of Health Care Administration, Bachelor of Science in Health Care Business with major in Management** and **Associate of Science in Health Information Technology** programs have accreditation from the International Assembly for Collegiate Business Education (IACBE). P.O. Box 3960 Olathe, KS 66063-3960 **PH** 913.631.3009 iacbe.org

The **Post-Baccalaureate Certificate in Health Information Administration, Bachelor of Science in Health Care Business with major in Health Information Administration** and **Associate of Science in Health Information Technology** programs have accreditation from the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).
233 N. Michigan Ave, 21st Floor Chicago, IL 60601-5800 **PH** 312.233.1131 cahiim.org

Nursing Continuing Education
Clarkson College is an approved provider of continuing nursing education by the Nebraska Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Clarkson College is approved Iowa provider 345.

Physical Therapy Continuing Education
For Physical Therapy and Physical Therapist Assistant continuing education activities appropriate CEUs are sought through:
Nebraska Chapter American Physical Therapy Association
600 S. 42 St. Omaha, NE 68198-5450 **PH** 402.559.6415 apta.org

Health Information Management Continuing Education
For Health Information Management continuing education activities appropriate CEUs are sought through:
American Academy of Professional Coders
2480 South 3850 West, Suite B Salt Lake City, UT 84120 aapc.com
And/or
American Health Information Management Association
233 N. Michigan Avenue, 21st Floor Chicago, IL 60601-5809 ahima.org

The **Basic and Advanced Life Support** and **First Aid** courses are approved by:
American Heart Association
7272 Greenville Ave. Dallas, TX 75231 americanheart.org

The **Nurse Aide and Medication Aide** programs are approved by:
Nebraska Department of Health and Human Services
Regulation and Licensure; Credentialing Division
P.O. Box 94986 Lincoln, NE 68509-4986 **PH** 402.471.4376 www.hhs.state.ne.us

The **Nurse Refresher** program is approved by:
The Nebraska State Board of Nursing www.hhs.state.ne.us/crl/nursing/nursingindex.htm

Note: *Details and updates concerning accreditation can be found by contacting the appropriate program director.*

Degrees Offered

Degree	Major	Professionally Accredited
Diploma	Pratical Nursing	No
Associate of Science	Health Information Technology* Physical Therapist Assistant Radiologic Technology	Yes Yes Yes
Bachelor of Science	Health Care Business: Management major* Health Care Business: Health Information Administration major* Health Care Services Medical Imaging* Nursing (BSN)**	Yes Yes No No Yes
Master of	Health Care Administration*	Yes
Master of Science	Nursing (MSN): Adult–Gerontology Primary Care Nurse Practitioner* Nursing (MSN): Family Nurse Practitioner* Nursing (MSN): Nursing Education* Nursing (MSN): Nursing Health Care Administration* Nursing (MSN): Nurse Anesthesia	Yes Yes Yes Yes Yes
Doctorate	Doctor in Health Care Education and Leadership Doctor of Nursing Practice	Yes Yes

**These programs may be completed through Online Education. Some online programs require periodic campus visits for skills assessment. Contact the appropriate department for current details.*

***RN to BSN options may be completed by Online Education. See details in the RN to BSN sections of this catalog.*

Certificates Offered

Health Information Management
Post-Baccalaureate in Health Information Administration
Long-Term Care Administration
Imaging Informatics
Public Health
Post-Masters Health Care Administration
Post-Masters Nursing: Adult–Gerontology Primary Care Nurse Practitioner
Post-Masters Nursing: Family Nurse Practitioner
Post-Masters Nursing: Nursing Education
Post-Masters Nursing: Nursing Health Care Administration

Doctor in Health Care Education & Leadership

Dean of Nursing & Director of
Doctor in Health Care Education & Leadership
Aubray Orduña, Ed.D., M.S.N., R.N.
PH 402.552.6118 **TF** 800.647.5500 orduna@clarksoncollege.edu

Director of Graduate Nursing &
Doctor of Nursing Practice
Patricia Coyle-Rogers, Ph.D., M.S.N., R.N.-B.C.
PH 402.552.3310 **TF** 800.647.5500 coylerogers@clarksoncollege.edu

Introduction

Graduates of the Doctor in Health Care Education and Leadership (Ed.D.) program will have expanded knowledge and expertise required to provide health care leadership in both academic and administrative roles. Graduates will demonstrate excellence in interdisciplinary communication, translational research and problem solving while providing quality health care education. The major coursework will supply a foundation in outcomes assessment, learner development, transformational leadership and brain-linked research, which strengthens the ability to implement innovative educational approaches. Graduates will have the skill set needed to assess, design, implement and evaluate a process or program utilizing change theory, conflict management and adult educational principles.

Part- and full-time study options are available.

Program Outcomes

Upon completion of the Doctor in Health Care Education and Leadership program requirements, the graduate will be able to:

1. Create educational leadership strategies to meet the needs of diverse learners.
2. Engage in interdisciplinary communication, analysis and problem solving that reflects evidence based practice.
3. Implement assessment and evaluation strategies using information technology to improve learning, productivity and professional practice.
4. Synthesizes knowledge of educational and leadership theory, management skills, leadership strategies and data to transform organizations and educational institutions.
5. Integrates ethical, legal and professional principles into decision making in the educational leadership setting.

Prerequisites

Students entering the Doctor in Health Care Education and Leadership program must have a minimum of three graduate statistics credit hours and three graduate research credit hours. Students must also have a minimum of 500 clinical hours from a master's degree.

Program requires Health and Safety – View Health and Safety Information

Admission Criteria

The following are required for admission to the Doctor in Health Care Education and Leadership program:

- M.S.N., M.S. or higher from an accredited institution
- One year minimum work experience, preferably in a health care field
- Health and safety
- GPA of 3.0 (cumulative Master's or higher)
- Official TOEFEL score (Minimum of 100 total score on the TOEFEL Internet-based test, minimum of 250 total score computer-based TOEFEL or minimum of 600 total score on the paper-based TOEFEL required
- Transcripts from graduate coursework

- Curriculum vitae or resume
- Sample of formal scholarly paper (thesis, project or paper)
- Three letters of recommendation from faculty or professionals
- Essay (500 word statement of educational goals to include evidence of active involvement in health care with potential dissertation topic)
- Completed application and related fees
- Interview (face-to-face or via video conferencing)

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Doctor in Health Care Education and Leadership Program

View course descriptions
Required courses effective Fall 2015

Core Requirement Courses (17 semester hours)		**Semester Hours**
EDD 910	Applied Research	3
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
EDD 920	Doctoral Seminar I	1
EDD 935	Advanced Health Care Policy, Law and Advocacy	2
EDD 930	Organizational Systems	3
EDD 921	Doctoral Seminar II	2
EDD 922	Doctoral Seminar III	2
EDD 923	Doctoral Seminar IV	1
		Total 17

Major Courses (28 semester hours)		**Semester Hours**
EDD 962	Learning Theories	3
EDD 960	Trends and Issues in Health Care Education	3
EDD 964	Assessment of Health Care Educational Programs and Organizational Outcomes	3
EDD 966	Curriculum and Program Development	3
EDD 946 ◊	Health Economics, Finance and Entrepreneurship	4

Major Courses (28 semester hours)		**Semester Hours**
EDD 968	Managing Organizational Conflict	3
EDD 970	Transformational Leadership	3
EDD 972	Assessment of Instructional Technology and Distance Education	3
DNP 974 ◊	Dissertation I	1
DNP 975	Dissertation II	1
DNP 976	Dissertation III	1
		Total 28

Curriculum plan of required courses for Doctor in Health Care Education and Leadership Program (Full time)

Curriculum plan effective Fall 2015 (Full time)

First Year

First Semester		**Semester Hours**
EDD 910	Applied Research	3
EDD 935	Advanced Health Care Policy, Law and Advocacy	2
EDD 920	Doctoral Seminar I	1
		Total 6

Second Semester		**Semester Hours**
EDD 962	Learning Theories	3
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
		Total 6

Third Semester		**Semester Hours**
EDD 960	Trends and Issues in Health Care Education	3
EDD 930	Organizational Systems	3
		Total 6

Second Year

First Semester		**Semester Hours**
EDD 946 ◊	Health Economics, Finance and Entrepreneurship	4
EDD 921	Doctoral Seminar II	2
		Total 6

Second Semester	**Semester Hours**

Second Semester		Semester Hours
EDD 968	Managing Organizational Conflict	3
EDD 966	Curriculum and Program Development	3
EDD 974 ◊	Dissertation I	1
		Total 7

Third Semester		Semester Hours
EDD 970	Transformational Leadership	3
EDD 964	Assessment of Healthcare Educational Programs and Organizational Outcomes	3
		Total 6

Third Year

First Semester		Semester Hours
EDD 972	Assessment of Instructional Technology and Distance Education	3
EDD 922	Doctoral Seminar III	2
EDD 975	Dissertation II	1
		Total 6

Second Semester		Semester Hours
EDD 923	Doctoral Seminar IV	1
EDD 976	Dissertation III	1
		Total 2

Total Semester Hours in Program 45

Curriculum plan of required courses for Doctor in Health Care Education and Leadership Program (Part time)

Curriculum plan effective Fall 2015 (Part time)

First Year

First Semester		Semester Hours
EDD 910	Applied Research	3
EDD 920	Doctoral Seminar I	1
		Total 4

Second Semester		Semester Hours
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
		Total 3

Third Semester		Semester Hours
EDD 930	Organizational Systems	3
		Total 3

Second Year

First Semester		Semester Hours
EDD 935	Advanced Health Care Policy/Law/Advocacy	2
EDD 921	Doctoral Seminar II	2
		Total 4

Second Semester		Semester Hours
EDD 962	Learning Theories	3
		Total 3

Third Semester		Semester Hours
EDD 960	Trends and Issues in Health Care Education	3
		Total 3

Third Year

First Semester		Semester Hours
EDD 946 ◊	Health Economics, Finance and Entrepreneurship	4
		Total 4

Second Semester		Semester Hours
EDD 966	Curriculum and Program Development	3
		Total 3

Third Semester		Semester Hours
EDD 964	Assessment of Health Care Educational Programs and Organizational Outcomes	3
		Total 3

Fourth Year

First Semester		Semester Hours
EDD 972	Assessment of Instructional Technology and Distance Education	3
		Total 3

Second Semester		Semester Hours
EDD 968	Managing Organizational Conflict	3

Second Semester		**Semester Hours**
EDD 974 ◊	Dissertation I	1
		Total 4

Third Semester		**Semester Hours**
EDD 970	Transformational Leadership	3
		Total 3

Fifth Year

First Semester		**Semester Hours**
EDD 922	Doctoral Seminar III	2
DNP 975	Dissertation II	1
		Total 3

Second Semester		**Semester Hours**
EDD 923	Doctoral Seminar IV	1
DNP 976	Dissertation III	1
		Total 2

Total Semester Hours in Program 45

For Admissions Beginning Fall 2015
Required courses for Doctor in Health Care Education and Leadership Program

View course descriptions

Core Requirement Courses (14 semester hours)		**Semester Hours**
EDD 910	Applied Research	3
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
EDD 920	Doctoral Seminar I	1
EDD 936	Advanced Health Care Policy, Law and Ethics	3
EDD 931	Health Care Organizational Systems	2
EDD 921	Doctoral Seminar II	2
		Total 14

Major Courses (30 semester hours)		**Semester Hours**
EDD 962	Learning Theories	3
EDD 960	Trends and Issues in Health Care Education	3
EDD 964	Assessment of Health Care Educational Programs and Organizational Outcomes	3

Major Courses (30 semester hours)		**Semester Hours**
EDD 966	Curriculum and Program Development	3
EDD 947 ◊	Health Economics, Finance and Entrepreneurship	3
EDD 968	Managing Organizational Conflict	3
EDD 970	Transformational Leadership	3
EDD 972	Assessment of Instructional Technology and Distance Education	3
EDD 922	Doctoral Seminar III	2
EDD 923	Doctoral Seminar IV	1
DNP 974 ◊	Dissertation I	1
DNP 975	Dissertation II	1
DNP 976	Dissertation III	1
		Total 30

Total Semester Hours in Program 44

For Admissions Beginning Fall 2015
Curriculum plan of required courses for Doctor in Health Care Education and Leadership Program (Full time)

First Year

First Semester		**Semester Hours**
EDD 910	Applied Research	3
EDD 936	Advanced Health Care Policy, Law and Ethics	3
EDD 920	Doctoral Seminar I	1
		Total 7

Second Semester		**Semester Hours**
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
EDD 947	Health Economics, Finance and Entrepreneurship	3
		Total 6

Third Semester		**Semester Hours**
EDD 960	Trends and Issues in Health Care Education	3
EDD 931	Health Care Organizational Systems	2
		Total 5

Second Year

First Semester	**Semester Hours**

First Semester		Semester Hours
EDD 962	Learning Theories	3
EDD 921	Doctoral Seminar II	2
		Total 5

Second Semester		Semester Hours
EDD 968	Managing Organizational Conflict	3
EDD 966	Curriculum and Program Development	3
		Total 6

Third Semester		Semester Hours
EDD 970	Transformational Leadership	3
EDD 964	Assessment of Healthcare Educational Programs and Organizational Outcomes	3
EDD 974 ◊	Dissertation I	1
		Total 7

Third Year

First Semester		Semester Hours
EDD 972	Assessment of Instructional Technology and Distance Education	3
EDD 922	Doctoral Seminar III	2
EDD 975	Dissertation II	1
		Total 6

Second Semester		Semester Hours
EDD 923	Doctoral Seminar IV	1
EDD 976	Dissertation III	1
		Total 2

Total Semester Hours in Program 44

For Admissions Beginning Fall 2015
Curriculum plan of required courses for Doctor in Health Care Education and Leadership Program (Part time)

First Year

First Semester		Semester Hours
EDD 910	Applied Research	3
EDD 920	Doctoral Seminar I	1
		Total 4

Second Semester		Semester Hours
EDD 915 ◊	Outcomes of Health Care in a Global Society	3
		Total 3

Third Semester		Semester Hours
EDD 931	Health Care Organizational Systems	2
		Total 2

Second Year

First Semester		Semester Hours
EDD 936	Advanced Health Care Policy/Law and Ethics	3
EDD 921	Doctoral Seminar II	2
		Total 5

Second Semester		Semester Hours
EDD 947	Health Economics, Finance and Entrepreneurship	3
		Total 3

Third Semester		Semester Hours
EDD 960	Trends and Issues in Health Care Education	3
		Total 3

Third Year

First Semester		Semester Hours
EDD 962	Learning Theories	3
		Total 3

Second Semester		Semester Hours
EDD 966	Curriculum and Program Development	3
		Total 3

Third Semester		Semester Hours
EDD 964	Assessment of Healthcare Educational Programs and Organizational Outcomes	3
		Total 3

Fourth Year

First Semester		Semester Hours
EDD 972	Assessment of Instructional Technology and Distance Education	3
EDD 922	Doctoral Seminar III	2

First Semester		Semester Hours
		Total 5

Second Semester		Semester Hours
EDD 968	Managing Organizational Conflict	3
		Total 3

Third Semester		Semester Hours
EDD 970	Transformational Leadership	3
EDD 974 ◊	Dissertation I	1
		Total 4

Fifth Year

First Semester		Semester Hours
EDD 975	Dissertation II	1
		Total 1

Second Semester		Semester Hours
EDD 923	Doctoral Seminar IV	1
EDD 976	Dissertation III	1
		Total 2

Total Semester Hours in Program 44

Doctor in Health Care Education & Leadership Course Descriptions

DNP 910/EDD 910 Applied Research

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *Three credit hours graduate statistics and three credit hours graduate research. May take concurrently with DNP/EDD 935 and/or DNP/EDD 920.*

DNP 935/EDD 935 Advanced Health Care Policy, Law and Advocacy

Two semester hours
This course will prepare the student to design, influence and implement health care policies and laws that frame health care practice/education. The student will demonstrate the ability to analyze the policy process

and engage in politically competent actions and advocacy, to include institutional, local, state, regional, federal and/or international levels. Students will demonstrate the essential competencies to assume a leadership role in the development of health policy by contrasting the major contextual factors and policy triggers that influence health policy-making at the various levels.
Prerequisite: *Three credit hours graduate statistics and three credit hours graduate research. May take concurrently with DNP/EDD 910 and/or DNP/EDD 920.*

DNP 920/EDD 920 Doctoral Seminar I

One semester hour
This course focuses on the dissertation process and a review of the literature surrounding the student's proposed topic. The students' committee chair and members will be identified. The roles of the committee chair and committee members are discussed, as well as College resources.
Prerequisites: *Three credit hours graduate statistics and three credit hours graduate research. May take concurrently with DNP/EDD 910 and/or DNP/EDD 935.*

DNP 915/EDD 915 Outcomes of Health Care in a Global Society

Three semester hours, 45 clinical hours
This course examines the behavioral, cultural and social contexts of health disparities and its consequences as well as implications for the health of minority populations from a health care perspective. The history of health disparities, inequity and inequality while highlighting their differences are discussed. Emphasis is placed on the roles of health care practitioners and health care facilities in providing health care equity.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920. May take concurrently with DNP 940 or EDD 962.*

DNP 930/EDD 930 Organizational Systems

Three semester hours, 45 clinical hours
This course views a health care organization as a system and focuses on structures that provoke behaviors that determine events. Unique organizational cultures, structures and behaviors that impact organizational performance will be presented. The course addresses organizational behavior, conflict resolution and change management.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, EDD 962, DNP 942. May take concurrently with DNP 942 or EDD 960.*
Course Grade: *Pass/Fail.*

DNP 921/EDD 921 Doctoral Seminar II

Two semester hours
This course, focusing on scientific inquiry, emphasizes the formulation and the writing of a dissertation/proposal and the process for IRB. Methodology and content for each of the proposed chapters are defined.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, EDD 962, DNP 940, DNP/EDD 930, DNP 942, EDD 960 DNP 946, DNP 952 and/or DNP 954, EDD 946, EDD 966, EDD 968, and EDD 964.*
Course Grade: *Pass/Fail.*

Comprehensive Assessment of Core (Comps)

Note: *The Comprehensive Assessment of Core (Comps) is not a credit course. However, it must be completed with passing mark before enrolling in Doctoral Seminar III.*

The purpose of the Comprehensive Assessment of Core course is to provide evidence of growth and development as a result of knowledge gained through core coursework and to provide an opportunity for self-assessment as a reflective practitioner. A portfolio approach will be used to assess student master of core learning outcomes. The portfolio presentation will reflect synthesis of knowledge gained through the core coursework. This reflection will provide evidence of change/growth in personal and professional goals/objectives identified at the time of admission.
Course Grade: *Pass/Fail.*

DNP 922/EDD 922 Doctoral Seminar III

Two semester hours
This course focuses on the data collection, data analysis and formulation of dissertation outcome chapter(s) following IRB approval. A thorough discussion of the review of literature refuting or supporting the dissertation results is highlighted.
Prerequisites: *Successful completion of Comps, DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, EDD 962, DNP 940, DNP/EDD 930, DNP 942, EDD 960, DNP 946, DNP 952 and/or DNP 954, EDD 946, EDD 966, EDD 968, EDD 964, EDD 970 and EDD 974. May take concurrently with DNP 948, DNP 922 or EDD 975 and EDD 972.*
Course Grade: *Pass/Fail.*

DNP 923/EDD 923 Doctoral Seminar IV

One semester hour
This course focuses on the completion of the dissertation. Content, format issues and recommendations for further research are discussed. Dissemination of the dissertation outcome and possible outlets for publication are covered.
Prerequisites: *Successful completion of Comps, DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, EDD 962, DNP 940, DNP/EDD 930, DNP 942, EDD 960, DNP 946, DNP 952 and/or DNP 954, EDD 946, EDD 966, EDD 968, EDD 964, EDD 970, EDD 921,EDD 974, DNP 948, DNP 951, or EDD 975, EDD 922 and EDD 972. May take concurrently with DNP 949, DNP 952 and EDD 976.*
Course Grade: *Pass/Fail.*

EDD 946 Health Economics, Finance and Entrepreneurship

Four semester hours, 45 clinical hours
This course will enable learners to apply the tools of economics, finance and strategy to address challenges faced by health care providers. Strategies for payers, manufacturers and providers will be examined. Topics will include role of economics, cost effectiveness, market analysis and financial projecting. Case studies and current events will be integrated throughout to encourage discussions about health care economics and finance. The culminating project for the class will be to develop a business plan for a new health care educational program/initiative.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD 960 and EDD 962. May take concurrently with EDD 966.*

EDD 960 Trends and Issues in Health Care Education

Three semester hours
This course provides a study of the current trends and issues, such as social, economic, political, ethical and/or cultural affecting health care education. Emphasis is placed on critical review of educational and leadership issues.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 962. May take concurrently with DNP/EDD 930.*

EDD 962 Learning Theories

Three semester hours
This course examines current and foundational research of the mind, brain and learning that impacts the learner's ability to effect transformational changes in personal and professional behaviors. Recent and classical theories are explored to enable learners to identify and enhance learning.
Prerequisites: *DNP/EDD 910, DNP/EDD 935 and DNP/EDD 920. May take concurrently with DNP/EDD 915.*

EDD 966 Curriculum and Program Development

Three semester hours
This course focuses on curriculum development and implementation for educational programs based upon research, societal trends and organizational needs. Curriculum planning and design in relationship to program mission, objectives and outcomes will be discussed. Learners will explore the influence of regulatory bodies on program development.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD 960 and EDD 962. May take concurrently with EDD 946.*

EDD 968 Managing Organizational Conflict

Three semester hours
This course is designed to present a variety of theories used to mediate conflict at various social and psychological levels. The causes, manifestations of organizational conflict and intervention techniques will be presented. Learners will apply mediation and conflict resolution techniques and theories at the organizational level as facilitative leaders.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD 960, EDD 962, EDD 946 and EDD 966. May take concurrently with EDD 964.*

EDD 970 Transformational Leadership

Three semester hours
This course focuses on strategic leadership and its influence for organizational effectiveness, which occurs in the context of modern society by initiating and reacting to change. The course is designed to provide students the framework to further develop the knowledge, skills and attitudes required of future educational leaders. Special emphasis is given to the impact of the interaction among organizational culture, leadership styles and change and the effects on the learning community.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, NP/EDD 930, EDD 960, EDD 962, EDD 946, EDD 966, EDD 968 AND EDD 964. May take concurrently with EDD 974 and EDD 921.*

EDD 972 Assessment of Instructional Technology and Distance Education

Three semester hours
This course examines the current state of distance education and the use of technology to effectively achieve measureable student outcomes. Learners will critically evaluate the relationship between instructional design and technology. Learners will explore the principles, philosophies, practices and current delivery models used by practitioners in the distance education arena. Learners will also explore assessment tools and methodologies to develop evaluation strategies monitoring both synchronous and asynchronous delivery systems.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD 960, EDD 962, EDD 946, EDD 966, EDD 968, EDD 964, EDD 970, EDD 974 AND DNP/EDD 921. May take*

concurrently with EDD 975 AND DNP/EDD 922.
Course Grade: *Pass/Fail.*

EDD 974 Dissertation I

One semester hour
This course is the **first** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD, 960, EDD 962, EDD 946, EDD 966, EDD 968 and EDD 964. May take concurrently with EDD 970 and DNP/EDD 921.*
Course Grade: *Pass/Fail.*

EDD 975 Dissertation II

One semester hour
This course is the **second** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD, 960, EDD 962, EDD 946, EDD 966, EDD 968, EDD 964, EDD 970, EDD 974 and DNP/EDD 921. May take concurrently with EDD 972 and DNP/EDD 922.*
Course Grade: *Pass/Fail.*

EDD 976 Dissertation III

One semester hour
This course is the **third** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930, EDD, 960, EDD 962, EDD 946, EDD 966, EDD 968, EDD 964, EDD 970, EDD 974 and DNP/EDD 921, EDD 972 AND DNP/EDD 922. May take concurrently with EDD 970 and DNP/EDD 923.*
Course Grade: *Pass/Fail.*

For Admissions Beginning Fall 2015 - Doctor in Health Care Education & Leadership Course Descriptions

DNP 910/EDD 910 Applied Research

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and

social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *May take concurrently with DNP/EDD 920.*

DNP 936/EDD 936 Advanced Health Care Policy, Law and Ethics

Three semester hours
This course will prepare the student to design, influence, and implement health care policies that frame ethical health care practice/education through financing, regulation, access, safety, quality, and advocacy. The student will investigate health care policies that address issues of social justice and equity in health care. The student will apply two additional skill sets: the ability to analyze the policy process and the ability to engage in politically competent action. The student will engage proactively in the development and implementation of health policy at various levels, including institutional, local, state, regional, federal, and international levels. Students will demonstrate the essential competencies to assume a leadership role in the development of ethical health policy by contrasting the major contextual factors and policy triggers that influence health policy-making at the various levels.

DNP 920/EDD 920 Doctoral Seminar I

One semester hour
This course focuses on the dissertation process and a review of the literature surrounding the student's proposed topic. The students' committee chair and members will be identified. The roles of the committee chair and committee members are discussed, as well as College resources.
Prerequisites: *May take concurrently with DNP/EDD 910.*

DNP 915/EDD 915 Outcomes of Health Care in a Global Society

Three semester hours, 45 clinical hours
This course examines the behavioral, cultural and social contexts of health disparities and its consequences as well as implications for the health of minority populations from a health care perspective. The history of health disparities, inequity and inequality while highlighting their differences are discussed. Emphasis is placed on the roles of health care practitioners and health care facilities in providing health care equity.

DNP 931/EDD 931 Health Care Organizational Systems

Two semester hours, 45 clinical hours
This course will review healthcare delivery/educational systems in the United States. This course will focus on the effects of the U.S. healthcare system on the structure, culture and behavior of healthcare delivery and educational organizations. This course addresses organizational behavior, conflict resolution, and change management.
Course Grade: *Pass/Fail.*

DNP 921/EDD 921 Doctoral Seminar II

Two semester hours
This course, focusing on scientific inquiry, emphasizes the formulation and the writing of a dissertation/proposal and the process for IRB. Methodology and content for each of the proposed chapters are defined.
Prerequisites: *DNP/EDD 910 and DNP/EDD 920.*
Course Grade: *Pass/Fail.*

Portfolio Assessment of Core Competencies

(EdD/DNP) Note: The Portfolio Assessment of Core Competencies is not a credit course. The portfolio will be reviewed and approved by the doctoral student's Committee. However, it must be completed with passing mark before enrolling in Doctoral Seminar III.
The purpose of the Portfolio Assessment of Core Competencies is to provide evidence of growth and development as a result of knowledge gained through core coursework and to provide an opportunity for self-assessment as a reflective practitioner. A portfolio approach will be used to assess student mastery of core learning outcomes. The portfolio presentation will reflect synthesis of knowledge gained through the core coursework. This reflection will provide evidence of change/growth in personal and professional goals/objectives identified at the time of admission.

DNP 922/EDD 922 Doctoral Seminar III

Two semester hours
TThis course focuses on the data collection, data analysis and formulation of dissertation outcome chapter(s) following IRB approval. A thorough discussion of the review of literature refuting or supporting the dissertation results is highlighted. Completion of the Portfolio Assessment of Core Competencies is part of this course.
Prerequisites: *Successful completion of Comps, DNP/EDD 921.*
Course Grade: *Pass/Fail.*

DNP 923/EDD 923 Doctoral Seminar IV

One semester hour
This course focuses on the completion of the dissertation. Content, format issues and recommendations for further research are discussed. Dissemination of the dissertation outcome and possible outlets for publication are covered.
Prerequisites: *EDD 922.*
Course Grade: *Pass/Fail.*

EDD 946 Health Economics, Finance and Entrepreneurship

Four semester hours, 45 clinical hours
This course will enable learners to apply the tools of economics, finance and strategy to address challenges faced by health care providers. Strategies for payers, manufacturers and providers will be examined. Topics will include role of economics, cost effectiveness, market analysis and financial projecting. Case studies and current events will be integrated throughout to encourage discussions about health care economics and finance. The culminating project for the class will be to develop a business plan for a new health care educational program/initiative.

EDD 960 Trends and Issues in Health Care Education

Three semester hours
This course provides a study of the current trends and issues, such as social, economic, political, ethical and/or cultural affecting health care education. Emphasis is placed on critical review of educational and leadership issues.

EDD 962 Learning Theories

Three semester hours
This course examines current and foundational research of the mind, brain and learning that impacts the learner's ability to effect transformational changes in personal and professional behaviors. Recent and classical theories are explored to enable learners to identify and enhance learning.

EDD 966 Curriculum and Program Development

Three semester hours
This course focuses on curriculum development and implementation for educational programs based upon research, societal trends and organizational needs. Curriculum planning and design in relationship to program mission, objectives and outcomes will be discussed. Learners will explore the influence of regulatory bodies on program development.
Prerequisites: *EDD 962.*

EDD 968 Managing Organizational Conflict

Three semester hours
This course is designed to present a variety of theories used to mediate conflict at various social and psychological levels. The causes, manifestations of organizational conflict and intervention techniques will be presented. Learners will apply mediation and conflict resolution techniques and theories at the organizational level as facilitative leaders.
Prerequisites: *DNP/EDD 930.*

EDD 970 Transformational Leadership

Three semester hours
This course focuses on strategic leadership and its influence for organizational effectiveness, which occurs in the context of modern society by initiating and reacting to change. The course is designed to provide students the framework to further develop the knowledge, skills and attitudes required of future educational leaders. Special emphasis is given to the impact of the interaction among organizational culture, leadership styles and change and the effects on the learning community.
Prerequisites: *EDD 968.*

EDD 972 Assessment of Instructional Technology and Distance Education

Three semester hours
This course examines the current state of distance education and the use of technology to effectively achieve measureable student outcomes. Learners will critically evaluate the relationship between instructional design and technology. Learners will explore the principles, philosophies, practices and current delivery models used by practitioners in the distance education arena. Learners will also explore assessment tools and methodologies to develop evaluation strategies monitoring both synchronous and asynchronous delivery systems.
Prerequisites: *EDD 966.*

EDD 974 Dissertation I

One semester hour
This course is the **first** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *DNP/EDD 920.*
Course Grade: *Pass/Fail.*

EDD 975 Dissertation II

One semester hour
This course is the **second** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *EDD 974.*
Course Grade: *Pass/Fail.*

EDD 976 Dissertation III

One semester hour
This course is the **third** of **three** courses that culminates in the final dissertation as demonstrated through research that reflects the breadth of the student's education, synthesis of the knowledge gained and the translation of evidence to improve practice. The dissertation will be defended in an open forum to an inter-professional committee.
Prerequisites: *DNP/EDD 922 and DNP/ EDD 975.*
Course Grade: *Pass/Fail.*

Nursing Programs

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Introduction

Clarkson College offers a variety of nursing programs including Practical Nursing, Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), post-master's certificates and Doctor of Nursing Practice.

Completion of the Practical Nursing program will lead to a diploma in practical nursing and eligibility to write the practical nursing licensure exam (NCLEX-PN). The Practical Nursing program is scheduled on a part-time basis only, which supports the needs of individuals who are employed.

The Bachelor of Science in Nursing (BSN) program can be completed as a traditional student (four-year traditional college schedule), LPN to BSN student (for individuals who are currently licensed as a Licensed Practical Nurse) or as a RN to BSN student (for individuals who are currently licensed as a Registered Nurse and have either an associate's degree in nursing or a three-year nursing diploma). Completion of the BSN program will lead to a degree in nursing and eligibility to write the registered nursing licensure exam (NCLEX-RN).

The Master of Science in Nursing (MSN) program provides five options for graduate students including: Family Nurse Practitioner, Adult–Gerontology Primary Care Nurse Practitioner, Nurse Education, Nursing Health Care Administration or Nurse Anesthesia. For those nursing professionals who already have earned a Master of Science degree in Nursing, each of these graduate options—except Nurse Anesthesia—may be completed as a post-master's certificate. The RN to MSN program is designed for individuals who are currently licensed as a registered nurse (RN) and have either an associate's degree in nursing or a three-year nursing diploma.

The Doctor of Nursing Practice (DNP) program provides advanced practice Nurse Practitioners (APRN) with expanded knowledge and expertise to provide leadership in an evidence-based practice environment. The program is designed for the Master's degree-prepared currently licensed and certified nurse practitioner, midwife, clinical nurse specialist and/or nurse anesthetist and builds on the foundations of the advanced practice role.

Mission

Preparing nurses to provide high quality, ethical and compassionate health care services to individuals, families, communities and populations.

Philosophy

We, the nursing faculty of Clarkson College, believe we possess the knowledge, skill and attitude to educate individuals for the professional practice of nursing. We are committed to scholarship through lifelong learning and the pursuit of knowledge. Consistent with the Clarkson College Values, the Nursing faculty value Learning, Caring, Commitment, Integrity and Excellence in our professional relationships. We are dedicated to the dignity, health and spiritual needs of people. We are committed professional nurse educators who foster nursing education in a caring environment.

We believe the study of nursing is consistent with and fosters the Mission and Values of Clarkson College. Our beliefs regarding human beings, environments, health, education, nursing education and nursing are contained within the Nursing program's philosophy. A human being is an individual who consists of a mind, body and soul developed through interpersonal relationships and influenced by environment, culture and health. Environment is a set of dynamic physical, cultural, political and economic conditions that influence the lives of individuals, families, communities and populations. The individual is in constant interaction with an ever-changing global environment. Nursing recognizes the impact a person's environment has upon health. Health is an individually perceived dynamic state of well-being. Nursing is a humanistic and scientific care discipline and profession.

We profess that education is a formal process of organizing concepts and elements, planning appropriate activities, facilitating individualized learning experiences and evaluating subsequent outcomes. We ground nursing education in the totality of the human experience through the study of the humanities, arts and sciences within the scope of nursing practice. We believe students are partners in the educational process and encourage learning by discovery, curiosity, clinical decision making, experience, reflection, modeling, collaboration and interactive participation. We model service to the College and community, and celebrate the diversity of human beings.

We believe there are various educational levels within nursing. The practical, baccalaureate and graduate nursing programs within Clarkson College represent these levels. Practical nursing education provides for entry-level technical practice, while the baccalaureate in nursing is the entry level for professional practice. Graduate nursing education prepares the professional baccalaureate nurse for advanced practice and expanded roles within the discipline. Our programs allow for articulation from one level of nursing education to the next and flows from simple to complex.

We believe caring is the foundational core of the nursing profession, and it is the energy present in empowering relationships. Caring for clients includes the ability to teach, lead and inspire individuals and groups toward optimal health and wellness. We, the Nursing faculty at Clarkson College, believe that caring is the essence of nursing and the most central and unifying focus for nursing practice. Our students are educated in the concepts of caring, client-centered care, teamwork and collaboration, evidence-based nursing practice, quality improvement, safety, informatics and professionalism.

Doctoral Degree:

- Nursing Practice (DNP)

Post-Master's Certificates:

- Adult–Gerontology Primary Care Nurse Practitioner
- Family Nurse Practitioner
- Nursing Education
- Nursing Health Care Administration

Master of Science Degrees

- Adult–Gerontology Primary Care Nurse Practitioner
- Family Nurse Practitioner
- Nurse Anesthesia
- Nursing Education
- Nursing Health Care Administration
- RN to MSN

Bachelor of Science Degrees:

- BSN
- RN to BSN
- LPN to BSN

Diploma:

- Practical Nursing

Doctor of Nursing Practice

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Introduction

Graduates of the Doctor of Nursing Practice (DNP) program will have expanded knowledge and expertise required of advance practice nurses to provide leadership through collaborative and innovative decision-making in an evidence-based practice environment. Graduates will demonstrate excellence in interdisciplinary, client-centered communication, translation of research, and implementation of evidence-based change to promote quality health care outcomes. Graduates will have a working knowledge of the processes involved in the development of state, national and professional policies governing health care.

Part- and full-time study options are available.

Program Outcomes

Upon completion of the Doctor of Nursing Practice program requirements, the graduate will be able to demonstrate:

1. Integrate advanced communication skills/processes that lead to caring practices improving the health care delivery for systems, diverse organizational cultures and populations including clients and providers.
2. Formulate client-centered care approaches that meet current and future needs of populations based on scientific findings in nursing, other clinical sciences and organizational, political and economic sciences.
3. Implement change in health care delivery systems through consultative and leadership skills with intra-professional teams, consumers and other stakeholders.
4. Create health care delivery models using evidence-based nursing science, and knowledge from law and ethics, the biophysical, psychosocial, analytical, and organization sciences.
5. Synthesize principles of business, finance, economics, health policy and quality improvement methodologies to develop and implement effective plans for practice-level and/or system-wide practice initiatives that will improve the quality of care delivery.
6. Measure and improve accountability for quality health care and safety for populations and other professionals.
7. Provide leadership in evaluating the use of information, information technology, communication networks, and client care technology.
8. Mentor other nurses and healthcare professionals to achieve excellence in health care delivery.
9. Influence healthcare policy and practice to achieve excellence in health care.

Prerequisites

Students entering the Doctor of Nursing Practice program must have a minimum of three graduate statistics credit hours and three graduate research credit hours. Students must also have a minimum of 500 clinical hours from a master's degree.

Program requires Health and Safety – View Health and Safety Information

Admission Criteria

The following are required for admission to the Doctor of Nursing Practice program:

- M.S.N., M.S. or higher from an accredited institution
- Unencumbered A.P.R.N. license
- Current certification in area of practice
- One year experience as an A.P.R.N.
- Health and safety
- GPA of 3.0 (cumulative Master's or higher)
- Official TOEFEL score (Minimum of 100 total score on the TOEFEL Internet-based test, minimum of 250 total score computer-based TOEFEL or minimum of 600 total score on the paper-based TOEFEL required)
- Transcripts from graduate coursework
- Curriculum vitae or resume
- Sample of formal scholarly paper (thesis, project or paper)
- Three letters of recommendation from faculty or professionals
- Essay (500 word statement of educational goals to include evidence of potential dissertation/residence project)
- Completed application and related fees
- Interview (face-to-face or via video conferencing)

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Doctor of Nursing Practice Program

View course descriptions
Required courses effective Fall 2015

Core Requirement Courses (17 semester hours)		**Semester Hours**
DNP 910	Applied Research	3
DNP 915 ◊	Outcomes of Health Care in a Global Society	3
DNP 920	Doctoral Seminar I	1
DNP 935	Advanced Health Care Policy, Law and Advocacy	2

Core Requirement Courses (17 semester hours)		**Semester Hours**
DNP 930	Organizational Systems	3
DNP 921	Doctoral Seminar II	2
DNP 922	Doctoral Seminar III	2
DNP 923	Doctoral Seminar IV	1
		Total 17

Major Courses (22 semester hours)		**Semester Hours**
DNP 940	Biostatistics	3
DNP 953 **OR** DNP 954	Grant Writing **OR** Manuscript Writing	1
DNP 942	Designing Theory for Guiding Holistic Care	3
DNP 944	Epidemiology	3
DNP 946 ◊	Health Economics, Finance and Entrepreneurship	4
DNP 948	Evidence-Based Practice I	3
DNP 949	Evidence-Based Practice II	2
DNP 950 ◊	Dissertation/Residency I	1
DNP 951	Dissertation/Residency II	1
DNP 952	Dissertation/Residency III	1
		Total 22

Curriculum plan of required courses for Doctor of Nursing Practice Program (Full time)

First Year

First Semester		**Semester Hours**
DNP 910	Applied Research	3
DNP 935	Advanced Health Care Policy, Law and Advocacy	2
DNP 920	Doctoral Seminar I	1
		Total 6

Second Semester		**Semester Hours**
DNP 940	Biostatistics	3
DNP 915 ◊	Outcomes of Health Care in a Global Society	3
		Total 6

Third Semester		**Semester Hours**
DNP 942	Designing Theory for Guiding Holistic Care	3

Third Semester		Semester Hours
DNP 930	Organizational Systems	3
		Total 6

Second Year

First Semester		Semester Hours
DNP 946 ◊	Health Economics, Finance and Entrepreneurship	4
DNP 921	Doctoral Seminar II	2
DNP 950 ◊	Dissertation/Residency I	1
		Total 5

Second Semester		Semester Hours
DNP 944	Epidemiology	3
DNP 953 **OR** DNP 954	Grant Writing **OR** Manuscript Writing	1
		Total 4

Third Semester		Semester Hours
DNP 948	Evidence-Based Practice I	3
DNP 922	Doctoral Seminar III	2
DNP 951	Dissertation/Residency II	1
		Total 6

Fourth Semester		Semester Hours
DNP 949	Evidence-Based Practice II	2
DNP 923	Doctoral Seminar IV	1
DNP 952	Dissertation/Residency III	1
		Total 4

Total Semester Hours in Program 39

Curriculum plan of required courses for Doctor of Nursing Practice Program (Part-time)

Curriculum plan effective Fall 2015 (Part-time)

First Year

First Semester		Semester Hours
DNP 910	Applied Research	3
DNP 920	Doctoral Seminar I	1

First Semester		Semester Hours
		Total 4
Second Semester		**Semester Hours**
DNP 915 ◊	Outcomes of Health Care in a Global Society	3
		Total 3
Third Semester		**Semester Hours**
DNP 930	Organizational Systems	3
		Total 3

Second Year

First Semester		Semester Hours
DNP 935	Advanced Health Care Policy, Law and Advocacy	2
DNP 921	Doctoral Seminar II	2
		Total 4
Second Semester		**Semester Hours**
DNP 940	Biostatistics	3
		Total 3
Third Semester		**Semester Hours**
DNP 942	Designing Theory for Guiding Holistic Care	3
		Total 3

Third Year

First Semester		Semester Hours
DNP 946	Health Economics, Finance and Entrepreneurship	4
DNP 950	Dissertation/Residency I	1
		Total 5
Second Semester		**Semester Hours**
DNP 944	Epidemiology	3
DNP 953 **OR** DNP 954	Grant Writing **OR** Manuscript Writing	1
		Total 4
Third Semester		**Semester Hours**
DNP 948	Evidence-Based Practice I	3
		Total 3

Fourth Year

First Semester		**Semester Hours**
DNP 949	Evidence-Based Practice II	2
DNP 922	Doctoral Seminar III	2
DNP 951	Dissertation/Residency II	1
		Total 5

Second Semester		**Semester Hours**
DNP 923	Doctoral Seminar IV	1
DNP 952	Dissertation III	1
		Total 2

For Admissions Beginning Fall 2015
Required courses for Doctor of Nursing Practice Program

View course descriptions

Core Requirement Courses (14 semester hours)		**Semester Hours**
DNP 910	Applied Research	3
DNP 915 ◊	Outcomes of Health Care in a Global Society	3
DNP 920	Doctoral Seminar I	1
DNP 936	Advanced Health Care Policy, Law and Ethics	3
DNP 931	Health Care Organizational Systems	2
DNP 921	Doctoral Seminar II	2
		Total 14

Major Courses (17 semester hours)		**Semester Hours**
DNP 944	Biostatistics/Epidemiology	2
DNP 942	Designing Theory for Advanced Nursing Practice	3
DNP 947 ◊	Health Economics, Finance and Entrepreneurship	3
DNP 922	Doctoral Seminar III	2
DNP 923	Doctoral Seminar IV	1
DNP 948	Evidence-Based Practice	3
DNP 950 ◊	DNP Scholarly Project/Residency I	1
DNP 951	DNP Scholarly Project/Residency II	1
DNP 952	DNP Scholarly Project/Residency III	1
		Total 17

Total Semester Hours in Program 31

For Admissions Beginning Fall 2015
Curriculum plan of required courses for Doctor of Nursing Practice Program
(Part time)

First Year

First Semester		**Semester Hours**
DNP 910	Applied Research	3
DNP 920	Doctoral Seminar I	1
		Total 4

Second Semester		**Semester Hours**
DNP 915 ◊	Outcomes of Health Care in a Global Society	3
DNP 944	Biostatistics/Epidemiology	2
		Total 5

Third Semester		**Semester Hours**
DNP 931	Health Care Organizational Systems	2
DNP 948	Evidence-Based Practice	3
		Total 5

Second Year

First Semester		**Semester Hours**
DNP 936	Advanced Health Care Policy, Law and Ethics	3
DNP 921	Doctoral Seminar II	2
		Total 5

Second Semester		**Semester Hours**
DNP 947	Health Economics, Finance and Entrepreneurship	3
DNP 942	Designing Theory for Advanced Nursing Practice	3
		Total 6

Third Semester		**Semester Hours**
DNP 950	DNP Scholarly Project/Residency I	1
		Total 1

Third Year

First Semester		**Semester Hours**
DNP 922	Doctoral Seminar III	2
DNP 951	DNP Scholarly Project/Residency II	1

First Semester		Semester Hours
		Total 3
Second Semester		**Semester Hours**
DNP 952	DNP Scholarly Project/Residency III	1
DNP 923	Doctoral Seminar IV	1
		Total 2

Post-Master's Certificate in Nursing Programs

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Post-Master's Certificate Programs

The purpose of the Post-MSN certificate programs is to provide opportunities for students who already have a MSN degree to gain knowledge within a specialty at Clarkson College. The Post-MSN certificate represents the student's successful completion of the required courses in the chosen nursing option. No current graduate-level courses can be transferred into a post-MSN certificate without the approval of the Director of Graduate Nursing. No transfer credit hours will be given for those seeking a Family Nurse Practitioner or an Adult–Gerontology Primary Care Nurse Practitioner certificate.

Family Nurse Practitioner

The focus of this Post-MSN certificate is to educate nurses who desire preparation in advanced practice nursing, specifically in the family nurse practitioner role. The purpose of a master's prepared family nurse practitioner is to promote the health of citizens in family practice settings. The family nurse practitioner will be able to develop a practice incorporating concepts, theories, and recognized care standards into the delivery of health services in a family practice setting. The family nurse practitioner functions as an educator, counselor, referral agent and advocate dealing with families. The curriculum focuses on evidence-based concepts relevant to advanced practice nursing and the evolving primary health care system.

Adult–Gerontology Primary Care Nurse Practitioner

The focus of this Post-MSN certificate is to educate nurses who desire preparation in advanced practice nursing, specifically in the Adult–Gerontology Primary Care Nurse Practitioner role. The purpose of a master's prepared Adult–Gerontology Primary Care Nurse Practitioner is to promote the health of citizens in adult practice setting through emphasis on health promotion, disease prevention, and the diagnosis and management of acute and chronic diseases. Adult–Gerontology Primary Care Nurse Practitioners assess and manage a client base that includes adolescents, young, middle and older adults. The Adult–Gerontology Primary Care Nurse Practitioner will be able to incorporate concepts, theories and recognized care standards

into the delivery of health services in an adult practice setting. The curriculum focuses on evidence-based concepts relevant to advanced practice nursing and the evolving primary health care system.

Nursing Education

The focus of this Post-MSN certificate is to prepare nurses who desire advanced preparation in nursing education. The curriculum focuses on theoretical concepts that guide the instructional process and teaching strategies. Methods to develop, administer and evaluate nursing educational programs will be discussed. Technologies are implemented that support quality instruction and evaluation of learning outcomes in health-related settings.

Nursing Health Care Administration

The focus of this Post-MSN certificate is to prepare nurses who desire advanced preparation in nursing health care administration and systems. The curriculum focuses on theoretical concepts relevant to the practice of nursing health care administration and leadership in a broad context of current health care delivery settings. Strategies to develop, administer and evaluate systems within contemporary health care contexts will be discussed along with application of decision-making processes to improve outcomes in health care organizations.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

Required courses for Post-Master's Nursing Certificate Programs

View course descriptions

Family Nurse Practitioner Courses (28 semester hours)*		**Semester Hours**
NS 799	Role Transition	1
NS 801	Theories and Concepts of Advanced Practice Roles	1
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3
NS 840	Primary Care of Children and Adolescents	3
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 28

**The Family Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Adult–Gerontology Primary Care Nurse Practitioner Courses (28 semester hours)*		**Semester Hours**
NS 799	Role Transition	1
NS 801	Theories and Concepts of Advanced Practice Roles	1
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3
NS 841	Behavioral Health Care for Practitioners	3
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 28

**The Adult–Gerontology Primary Care Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Nursing Education Courses (20 semester hours)		**Semester Hours**
NS 799	Role Transition	1
NS 801	Theories and Concepts of Advanced Practice Roles	1
NS 806	Theories of Learning for the Nurse Educator	3
NS 822 ◊	Curriculum Development for the Nurse Educator	3
NS 823	Evaluation Strategies for the Nurse Educator	3
NS 826	Pharmacology, Pathophysiology and Health Assessment Overview for Nurse Educators	3
NS 827	Teaching and Learning Strategies for the Nurse Educator	3
NS 894	Nursing Education Practicum	3
		Total 20

Nursing Health Care Administration Courses (23 semester hours)**		**Semester Hours**
NS 799	Role Transition	1
NS 801	Theories and Concepts of Advanced Practice Roles	1
MB 808 ◊	Health Care Leadership	3

Nursing Health Care Administration Courses (23 semester hours)**		**Semester Hours**
MB 810 ◊	Human Resources and Organizational Behavior	3
MB 851	Health Care Economics	3
MB 823	Health Care Strategic Planning and Marketing	3
MB 827	Finance for Health Care Leaders	3
MB 836	Health Care Project Management	3
NS 898	Nursing Health Care Leadership Practicum	3
		Total 23

***Each of the MB courses is offered in a six-week format, allowing Post-MSN Certificate students to interact with the graduate students in the Health Care Administration program.*

Masters of Science in Nursing

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Director of Graduate Nursing &
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Introduction

Clarkson College offers an online Master of Science in Nursing (MSN) degree that provides five options to meet specific professional goals of graduate students. Four online options include: Nursing Health Care Administration, Nursing Education, Adult–Gerontology Primary Care Nurse Practitioner and Family Nurse Practitioner. The fifth option, Nurse Anesthesia, is a hybrid program combining traditional and distance education.

In order to complete a MSN at Clarkson College, students must successfully complete 38 to 73 graduate semester hours. Each of the options has a different set of credit hour requirements; however, they all require coursework to be taken from nursing core, option and evidence-based practice research project areas. Up to nine semester hours of current graduate-level courses may be transferred from another accredited institution with the approval of the Director of the Graduate Nursing program. No credit hours may be transferred into the NP Certificate option.

Program Outcomes

Upon completion of the MSN requirements for Nursing Health Care Administration, Nursing Education, Adult–Gerontology Primary Care Nurse Practitioner and Family Nurse Practitioner, the graduate will be able to demonstrate:

1. Generate policies through teamwork and collaboration in the complex roles of educator, administrator or advanced clinician.

2. Construct health care strategies using evidence-based theoretical, scientific and contemporary knowledge.
3. Demonstrate leadership skill to improve client health outcomes, facilitate change in health care systems and appraise ethical-legal dilemmas.
4. Create systems to promote safety and minimize risks of harm to clients and providers.
5. Use information technology to interpret data, communicate and evaluate decision making.
6. Advocate for professional behaviors that advance the profession and improve health care.

Curriculum Requirements

The Clarkson College MSN program requires completion of:

- Core Requirement Courses = 21 semester hours
- Specialty Option Courses (selecting one of the concentrations) = 18 to 57 semester hours
- Evidence-Based Practice Research Project = three semester hours

Specialty Option Courses

Each of the five specialty options has a set of courses required for completion of the MSN. All courses identified for each of the options must be completed.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Core and designated service courses are identified using the following symbol: ◊

Required courses for Master of Science in Nursing: Traditional Option

View course descriptions

Core Requirement Courses for Nursing Health Care Administration, Nursing Education, Adult–Gerontology Primary Care Nurse Practitioner and Family Nurse Practitioner (21 semester hours)		**Semester Hours**
GR 798	Essentials of Scholarly Writing	1
NS 799	Role Transition	1
NS 847	Applied Statistics	3
NS 801	Theories and Concepts of Advanced Practice Roles	1
NS 803	Health Care Delivery Systems and Managed Care	2
NS 804	Application and Evaluation of Theory in Nursing	3
NS 808 ◊	Nursing Law and Ethics	3
NS 812	Research Design and Methods I	3

Core Requirement Courses for Nursing Health Care Administration, Nursing Education, Adult–Gerontology Primary Care Nurse Practitioner and Family Nurse Practitioner (21 semester hours)		**Semester Hours**
NS 910	Evidence-Based Practice Research Project I	1
NS 911	Evidence-Based Practice Research Project II	2
NS 912	Evidence-Based Practice Research Project III	1
		Total 21

Specialty Option Courses in Nursing Health Care Administration (42 total hours = 18 hours core + three hours evidence-based practice research project + 21 hours option)		**Semester Hours**
MB 808 ◊	Health Care Leadership	3
MB 851	Health Care Economics	3
MB 836	Health Care Project Management	3
MB 827	Finance for Health Care Leaders	3
MB 823	Health Care Strategic Planning & Marketing	3
MB 810 ◊	Human Resources and Organizational Behavior	3
NS 898	Nursing Health Care Leadership Practicum	3
		Total 21

Specialty Option Courses in Nursing Education (39 total hours = 18 hours core + three hours evidence-based practice research project + 18 hours option)		**Semester Hours**
NS 806	Theories of Learning for the Nurse Educator	3
NS 822 ◊	Curriculum Development for the Nurse Educator	3
NS 823	Evaluation Strategies for the Nurse Educator	3
NS 826	Pharmacology, Pathophysiology and Health Assessment Overview for Nurse Educators	3
NS 827	Teaching and Learning Strategies for the Nurse Educator	3
NS 894	Nursing Education Practicum	3
		Total 18

Specialty Option Courses in Family Nurse Practitioner* ** (47 total hours = 18 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3

Specialty Option Courses in Family Nurse Practitioner* (47 total hours = 18 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 840	Primary Care of Children and Adolescent	3
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 26

****The Family Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Specialty Option Courses in Adult–Gerontology Primary Care Nurse Practitioner* (47 total hours = 18 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3
NS 841	Behavioral Health Care for Practitioners	3
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 26

****The Adult–Gerontology Primary Care Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Master of Science in Nursing: Nurse Anesthesia

Nurse Anesthesia Program Administrator
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Program Outcomes

Upon completion of the MSN requirements for Nurse Anesthesia, the graduate will be able to demonstrate:

1. Capability to analyze and use principles of anesthesia practice to function independently.
2. Ability to apply critical thinking and creative reasoning to anesthesia nursing theory and practice.

3. Communication orally and in writing of support for the contribution of the nurse anesthetist in an evolving health care environment.
4. Commitment to continuing scholarship and beginning competence in use of research methods and research findings in the solution of problems that arise in anesthesia nursing practice.
5. Competency in clinical practice, management of resources, teaching, consultation and predicting outcomes of nurse anesthesia care.
6. Use of appropriate leadership knowledge and strategies to stimulate change in the practice of anesthesia nursing, the profession of nursing and the health care delivery system.
7. Personal and professional integrity.

View coure descriptions

Core Requirement Courses for Nurse Anesthesia (19 semester hours)		**Semester Hours**
GR 798	Essentials of Scholarly Writing	1
NS 799	Role Transition	1
AN 859 ◊	Professional Aspects of Nurse Anesthesia	3
AN 911 ◊	Clinical Correlation Conference Seminar I: Practice Roles/Managed Care/Clinical Correlation Case Studies	2
AN 912	Clinical Correlation Conference Seminar II: Health Care System/Clinical Correlation Case Studies	2
AN 913	Clinical Correlation Conference Seminar III: Theory Development/Clinical Correlation Case Studies	2
AN 914	Clinical Correlation Conference Seminar IV: Theory Application /Clinical Correlation Case Studies	2
NS 812	Research Design and Methods I	3
AN 931	Senior Project I	1
AN 932	Senior Project II	1
AN 933	Senior Project III	1
		Total 19

Specialty Option Courses in Nurse Anesthesia(75 total hours = 19 hours core + three hours senior project + 56 hours specialty courses)		**Semester Hours**
AN 841	Anatomy, Physiology, Pathophysiology (APP) I	6
AN 842	Anatomy, Physiology, Pathophysiology (APP) II	6
AN 843	Anatomy, Physiology, Pathophysiology (APP) III	2
AN 805	Cadaver Applications in Anatomy Lecture and Lab	3
AN 866	Pharmacology I Anesthetic Agents	3
AN 867	Pharmacology II Anesthetic Agents	3
AN 868	Pharmacology III Adjuvant Drugs	2
AN 870	Basic Principles of Anesthesia	4
AN 870L	Basic Principles Lab	1
AN 871	Advanced Principles of Anesthesia	4

Specialty Option Courses in Nurse Anesthesia(75 total hours = 19 hours core + three hours senior project + 56 hours specialty courses)		**Semester Hours**
AN 871L	Advanced Principles Lab	1
AN 830	Advanced Physical Assessment for Nurse Anesthesia	3
AN 858	Scientific Foundations	3
AN 951	Clinical Anesthesia Practicum I	3
AN 952	Clinical Anesthesia Practicum II	3
AN 953	Clinical Anesthesia Practicum III	3
AN 954	Clinical Anesthesia Practicum IV	3
AN 955	Clinical Anesthesia Practicum V	3
		Total 56
AN 920	Elective Credit: ECG Interpretation and Clinical Implications of Cardiac Dysrhythmias in the Adult Patient	1

Master of Science in Nursing: RN to MSN Option

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Curriculum Requirements

The RN to MSN program at Clarkson College is designed to meet the needs of Registered Nurses (RNs) who wish to complete accelerated bachelor of science and master's degrees in nursing. Students who are admitted into the RN to MSN program are initially listed as RN to BSN students; however, upon completion of the BSN requirements and RN to MSN progression requirements, students will automatically transition into the MSN program. Health Care Science Update courses can be taken to validate knowledge in selected basic undergraduate science classes. Students may also elect to challenge one fourth-year BSN nursing theory/clinical course combination, with appropriate nursing background, and can enroll in up to nine credit hours of graduate level nursing courses while completing requirements for their BSN. Exiting at the BSN level upon completion of all requirements is an option for students deciding not to pursue the MSN at that time.

Prerequisites

RN to BSN requirements must be met prior to admission to the MSN program:
The RN to BSN curriculum combines theory in general education, support courses and major courses. Forty-three semester hours are obtained through either completion of direct coursework or by validation credit

(credit is granted after demonstration of equivalent knowledge). Nursing and General Education courses completed in associate's and bachelor's degree programs will be transferred when the coursework is considered comparable. All RN students are required to complete the Clarkson College core curriculum courses as listed in their specific degree plan. Credit by examination is also available for specific General Education courses. In order to complete a BSN degree at Clarkson College, students must successfully complete a total of 130 semester hours.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Core and designated service courses are identified using the following symbol: ◊

Program requires Health and Safety – View Health and Safety Information

Admission Criteria

The following are required for admission to the RN to MSN program:

- Completion of all General Education and support course BSN requirements, with the exception of the courses that can be validated with the health care update classes (i.e. HC 200, HC 205, HC 210).
- GPA of 3.0 on a 4.0 scale.
- Current unencumbered United States registered nurse license appropriate to the state where practicing and where clinical experience will occur.
- Completion of Clarkson College application for admission to the RN to MSN program.
- Essay outlining professional goals.
- Two professional reference letters (e.g. from teachers, supervisors or managers who have knowledge of your ability; do not provide references from co-workers and friends).
- Current resume.
- Must have equivalent to one year of professional nursing work experience prior to enrollment in any MSN option course, two years for NP option course; however, may take core courses while obtaining experience.

Curriculum plan of required courses for RN to MSN option

General Education Courses (40 semester hours)		**Semester Hours**
BI 122	Nutrition Science	3
BU 104	Basic Computer Applications	3
EN 101	English Composition I	3
EN 102	English Composition II	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204 ◊	Core II: A Cultural History of the Healing Arts	3
HC 304 ◊	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3

General Education Courses (40 semester hours)		**Semester Hours**
	Electives	11
OR	**OR**	
NS 808 ◊	Nursing Law and Ethics (graduate level)	3
PY 101	Introduction to Psychology	3
PY 200	Human Development	3
SO 101	Introduction to Sociology	3
ST 310	Statistics	3
OR	**OR**	
NS 847	Applied Statistics (graduate level)	3
AND	**AND**	
NS 804	Application and Evaluation of Theory in Nursing (graduate level)	3
	Electives	4
		Total 40

Undergraduate Support Courses		**Semester Hours**
BI 210	Microbiology***	4
BI 211	Anatomy*	4
BI 213	Physiology*	4
HC 205	Health Care Update II (Pharmacology and Pathophysiology)**	3 and 3
CH 110	General Chemistry I***	4
HC 220	Gerontology	2
HC 200	Health Care Science Update I and Validation Credit*	3 and 5
HC 210	Health Care Science Update III and Validation Credit***	3 and 5

**Note:* *HC 200 Health Care Science Update I (three semester hours) may be taken in place of BI 211 Anatomy (four semester hours) and BI 213 Physiology (four semester hours). Upon successful completion of HC 200 Health Care Science Update I, the student will receive three semester hours of earned coursework and five semester hours of validation credit.*

***Note:* *Upon successful completion of HC 205 Health Care Science Update II, the student will receive three hours of earned semester hours and three hours of validation credit.*

****Note:* *HC 210 Health Care Science Update III (three semester hours) may be taken in place of BI 210 Microbiology (four semester hours) and CH 110 General Chemistry I (four semester hours). Upon successful completion of HC 210 Health Care Science III, the student will receive three semester hours of earned coursework and five semester hours of validation coursework.*

Major Courses (70 semester hours)

A direct transfer package of 43 semester hours of nursing courses will be granted to students. Students are required to take a minimum of 27 semester hours of classes at Clarkson College. Other courses may be transferred or challenged according to individual course policies.

Transition Courses (seven semester hours		**Semester Hours**
NS 349	Pathways for Success	1
NS 356	Concepts of Professional Practice for the RN-BSN/MSN	3
NS 357	Physical Assessment	3
		Total 7

Upon successful completion of the transition courses, the student is eligible to take the remaining undergraduate nursing courses.

Required undergraduate nursing courses to be taken prior to entering MSN program
(16–20 semester hours)

RN to MSN students with two or more years of work experience and expertise in leadership and management, home health or public health nursing may test for validation credit in one 400-level nursing theory and clinical course. If the challenge is successful, the student may seek validation of the corresponding clinical nursing course.

		Semester Hours
NS 346	Evidence-Based Inquiry in Health Care	2
NS 804	Application and Evaluation of Theory in Nursing (graduate level)	3
NS 808	Nursing Law and Ethics (graduate level)	3
NS 472	Principles of Nursing Leadership and Management: Theory	3
NS 481 ◊	Population Health for the RN-BSN/MSN: Theory	3
NS 482	Capstone/Practicum for the RN to BSN/MSN	3
		Total 16–20

Total Semester Hours Required Prior to Transitioning into the MSN Program: 130-131

Nursing courses are offered on campus or through online education for the undergraduate courses. Graduate level courses are only offered in the online format. Clinical applications for the undergraduate courses may be completed at the student's workplace with faculty approval and if clinical competencies can be met. Graduate level clinical placement must be discussed with and approved by the MSN program director or designee.

MSN Core Requirement Courses (eight to 17 semester hours)		**Semester Hours**
GR 798	Essentials of Scholarly Writing	1
NS 847	Applied Statistics *(only if not taken in place of ST 310)*	3
NS 801	Theories and Concepts of Advanced Practice Roles	1
NS 803	Health Care Delivery Systems and Managed Care	2
NS 804	Application and Evaluation of Theory in Nursing *(must be taken before NS 812)*	3
NS 808 ◊	Nursing Law and Ethics *(only if not taken in place of HC 304)*	3
NS 812	Research Design and Methods I	3

MSN Core Requirement Courses (eight to 17 semester hours)		**Semester Hours**
		Total 8-17

Specialty option courses

Nursing Health Care Administration (32-43 total hours = eight to 17 hours core + three hours evidence-based practice research project + 21 hours option)		**Semester Hours**
MB 808 ◊	Health Care Leadership	3
MB 851	Health Care Economics	3
MB 836	Health Care Project Management	3
MB 827	Finance for Health Care Leaders	3
MB 823	Health Care Strategic Planning & Marketing	3
MB 810 ◊	Human Resources and Organizational Behavior	3
NS 898	Nursing Health Care Leadership Practicum	3
		Total 21

Nursing Education (29-40 total hours = eight to 17 hours core + three hours evidence-based practice research project + 18 hours option)		**Semester Hours**
NS 806	Theories of Learning for the Nurse Educator	3
NS 822 ◊	Curriculum Development for the Nurse Educator	3
NS 823	Evaluation Strategies for the Nurse Educator	3
NS 826	Pharmacology, Pathophysiology and Health Assessment Overview for Nurse Educators	3
NS 827	Teaching and Learning Strategies for the Nurse Educator	3
NS 894	Nursing Education Practicum	3
		Total 18

Family Nurse Practitioner* (35-46 total hours = eight to 17 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3
NS 840	Primary Care of Children and Adolescents	3

Family Nurse Practitioner* (35-46 total hours = eight to 17 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 26

**The Family Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Adult–Gerontology Primary Care Nurse Practitioner** (35-46 total hours = eight to 17 hours core + three hours evidence-based practice research project + 26 hours option)		**Semester Hours**
NS 828	Primary Care of the Geriatric Client	2
NS 830	Advanced Physical Assessment for Nurse Anesthesia	3
NS 832	Primary Health Care I	3
NS 834 ◊	Advanced Nutrition	3
NS 836	Pharmacology for Practitioners	3
NS 838	Advanced Pathophysiology	3
NS 841	Behavioral Health Care for Practitioners	3
NS 842	Primary Care of Women	3
NS 844	Primary Health Care II	3
		Total 26

***The Adult–Gerontology Primary Care Nurse Practitioner curriculum is designed for singular progression through clinical courses. Though the program may be completed online, students are required to attend on-campus weekends for specified clinical courses. Only one clinical course may be taken at a time.*

Evidence-Based Practice Research Project (three semester hours)		**Semester Hours**
NS 910	Evidence-Based Practice Research Project I	1
NS 911	Evidence-Based Practice Research Project II	2
2NS 912	Evidence-Based Practice Research Project III	1
		Total 4

Total Semester Hours in the MSN Program 39-46

Bachelor of Science in Nursing

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Program Objectives

Upon completion of this program, all BSN graduates will demonstrate the ability to operationalize nursing as the human science of caring. In addition, graduates will be able to do the following:

- Evaluate caring relationships and behaviors that contribute to positive outcomes for clients, families, communities and populations, as well as health care providers and health care systems.
- Analyze client-centered care with respect to health, environment and cultural preferences across the lifespan while respecting the client as the source of control.
- Function effectively within nursing and interdisciplinary teams, fostering teamwork and collaboration with the client, family, community and populations.
- Utilize best current evidence considering clinical expertise along with client and family preferences for the delivery of optimal health care.
- Participate in data evaluation to monitor client outcomes to continuously improve the quality of health care.
- Evaluate standardized practices and technologies to minimize the risk of harm to clients and health care providers through both system effectiveness and individual performance.
- Analyze information and technology resources to build knowledge, select the mode of communication, to decrease error and support decision making.
- Analyze behaviors consistent with the ANA Code of Ethics, Nursing's Social policy Statement and Standards of Practice into the role of the professional nurse.

Upon graduation, students are prepared to practice in a variety of settings, both independently and collaboratively, with colleagues in other disciplines. Graduates from the baccalaureate nursing program have a solid preparation for graduate studies in nursing and are encouraged to pursue advanced education as one means of lifelong learning.

BSN graduates are eligible to take the National Council Licensure Examination (NCLEX) for Registered Nurses.

Comprehensive Student Assessment

Baccalaureate nursing students are enrolled in the Assessment Technology Incorporated (ATI) program. This comprehensive program prepares individuals for the NCLEX-RN. Individual ATI tests are administered upon completion of each area of study. Areas of student weakness are addressed and remediation is provided to those students. At the completion of the nursing program, the Comprehensive Predictor examination is administered to further identify strengths and weaknesses.

Curriculum Requirements

In order to complete a bachelor of science in nursing (BSN) degree at Clarkson College, students must successfully complete a total of 130 semester hours. These hours must be distributed as follows:

- **General Education = 41 semester hours** (which must include nine semester hours of the Clarkson College Core Curriculum).

- **Support Courses = 21 semester hours** (at least eight semester hours of Anatomy and Physiology, four semester hours of Microbiology, four semester hours of General Chemistry I, three semester hours of Pathophysiology and two semester hours of Gerontology).
- **Major Courses = 68 semester hours** (includes 43 semester hours of nursing theory and 25 semester hours of clinical nursing courses).

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for BSN: Traditional Option

View course descriptions for Nursing Program or General Education

First Year

First Semester		**Semester Hours**
BI 211	Anatomy	4
CH 110	General Chemistry	4
EN 101	English Composition I	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
MA 101	Introduction to Algebra	3
		Total 17

Second Semester		**Semester Hours**
BI 210	Microbiology	4
BI 213	Physiology	4
NS 115	Introduction to Concepts through Quality and Safety	2
NS 125	Foundational Skills and Assessment: Theory	3
NS 126	Foundational Skills and Assessment: Clinical Application	2
NS 128	Populations Health I	1
		Total 16

Second Year

First Semester		**Semester Hours**
BI 122	Nutrition Science	3
BI 227	Pathophysiology	3

First Semester		Semester Hours
NS 233	Assessment and Care of the Adult with Abnormal Findings: Theory	2
NS 234	Assessment and Care of the Adult with Abnormal Findings: Clinical	2
NS 235	Pharmacology I	2
NS 257	Population Health II	1
HC 204	Core II: A Cultural History of the Healing Arts	3
		Total 16

Second Semester		Semester Hours
PY 101	Introduction to Psychology	3
NS 254	Managing the Nursing Care of the Adult: Theory	4
NS 255	Managing the Nursing Care of the Adult: Clinical Application	4
NS 256	Pharmacology II	2
PY 200	Human Development	3
EN 102	English Composition II	3
		Total 19

Third Year

First Semester		Semester Hours
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
NS 340	Behavioral Health: Theory	3
NS 341	Behavioral Health: Clinical	3
ST 310	Statistics	3
HC 220	Gerontology	2
	Electives	3
		Total 17

Second Semester		Semester Hours
NS 342	Nursing Care of Women and Child-Bearing Families: Theory	3
NS 343	Nursing Care of Women and Child-Bearing Families: Clinical	2
NS 344	Family-Centered Nursing Care of Children: Theory	3
NS 345	Family-Centered Nursing Care of Children: Clinical	2
NS 347	Population Health III	1
NS 346	Evidence-Based Inquiry in Health Care	2
SO 101	Introduction to Sociology	3
		Total 16

Fourth Year

First Semester		**Semester Hours**
NS 468	Concepts of Complex Multisystem Clients I: Theory	4
NS 469	Concepts of Complex Multisystem Clients I: Clinical Application	4
NS 476 ◊	Population Health IV: Theory	2
NS 477	Population Health IV: Clinical	2
	Electives	3
		Total 15

Second Semester		**Semester Hours**
NS 467	Transition into Practice	1
NS 470	Concepts of Complex Multisystem Clients II: Theory	3
NS 472	Principles of Nursing Leadership and Management: Theory	3
NS 473	Preceptorship: Clinical Capstone	4
NS 474	Pharmacology III	1
	Electives	2
		Total 14

Total Semester Hours in Program 130

Bachelor of Science in Nursing: RN to BSN Option

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Curriculum Requirements

The RN to BSN curriculum combines theory in general education, support courses and major courses. Forty-three semester hours are obtained through either completion of direct coursework or by validation credit (credit is granted after demonstration of equivalent knowledge). Validation credit may be granted upon successful completion of the Health Care Science Update courses, standardized testing or portfolio. Validation credit is only available for classes as identified.

Nursing and general education courses completed in the associate's and baccalaureate degree programs will be transferred when the coursework is considered comparable. All RN students are required to complete the Clarkson College core curriculum courses as listed in their specific degree plan.

Credit by examination is also available for specific general education courses. In order to complete a BSN degree at Clarkson College, students must successfully complete a total of 130 semester hours.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for RN to BSN option

View course descriptions for Nursing Program or General Education

General Education Courses (40 semester hours)		**Semester Hours**
BI 122	Nutrition Science	3
BU 104	Basic Computer Applications	3
EN 101	English Composition I	3
EN 102	English Composition II	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
PY 101	Introduction to Psychology	3
PY 200	Human Development	3
SO 101	Introduction to Sociology	3
ST 310	Statistics	3
	Electives	11
		Total 44

Support Courses (24 semester hours)		**Semester Hours**
BI 210	Microbiology**	4
BI 211	Anatomy*	4
BI 213	Physiology*	4
HC 205	Health Care Update II (Pharmacology and Pathophysiology)	3 and 3
CH 110	General Chemistry***	4
HC 220	Gerontology	2
		Total 24

OR

Support Courses (24 semester hours)		**Semester Hours**
HC 200	Health Care Science Update I and Validation Credit*	3 and 5
HC 210	Health Care Science Update III and Validation Credit***	3 and 5
		Total 22

**Note:* *HC 200 Health Care Science Update I (three semester hours) may be taken in place of BI 211 Anatomy (four semester hours) and BI 213 Physiology (four semester hours). Upon successful completion of HC 200 Health Care Science Update I, the student will receive four semester hours of earned coursework and five semester hours of validation credit.*

***Note:* *Upon successful completion of HC 205 Health Care Science Update II, the student will receive three hours of earned semester hours and three hours of validation credit.*

****Note:* *HC 210 Health Care Science Update III (three semester hours) may be taken in place of BI 210 Microbiology (four semester hours) and CH 120 Biochemistry (four semester hours). Upon successful completion of HC 210 Health Care Science Update III, the student will receive three semester hours of earned coursework and five semester hours of validation coursework.*

Major Courses (70 semester hours)

A direct transfer package of 43 semester hours of nursing courses will be granted to students. Students are required to take a minimum of 27 semester hours of classes at Clarkson College. Other courses may be transferred or challenged according to individual course policies.

BSN Transition Courses (seven semester hours)		**Semester Hours**
NS 349	Pathways to Success	1
NS 356	Concepts of Professional Practice for the RN-BSN/MSN	3
NS 357	Physical Assessment	3
		Total 7

Note: *Upon successful completion of the BSN transition course and HC 205 Health Care Science Update II, the student is eligible to take the remaining BSN courses.*

Required BSN Courses (12 semester hours)

RN to BSN students with two or more years of work experience and expertise in leadership and management, home health or public health nursing may test for validation credit in one 400-level nursing theory and clinical course. If the challenge is successful, the student may seek validation of the corresponding clinical nursing course.

		Semester Hours
NS 346	Evidence-Based Inquiry in Health Care	2
NS 475	Principles of Nursing Leadership and Management for the RN to BSN/MSN: Theory	3
NS 481 ◊	Population Health for the RN-BSN/MSN: Theory	3
NS 482	Capstone/Practicum for the RN to BSN/MSN	4
		Total 12

Total Semester Hours in Program 130

Note: *HC 205 Health Care Science Update II (three semester hours) must be taken prior to taking 400 level nursing theory and clinical courses.*

Nursing courses are offered on campus or through online education. Clinical applications may be completed at the student's workplace with faculty approval and if clinical competencies can be met.

Bachelor of Science in Nursing: LPN to BSN Option

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Prerequisite: *Current, unencumbered LPN license from Nebraska or another state within the U.S.*

Curriculum Requirements

The LPN to BSN program combines theory in general education, support and major courses. The advanced placement LPN to BSN student enters the third-level nursing courses after successfully completing the first- and second-year general education and support courses, NS128 Population Health I, NS 235 Pharmacology I, NS 256 Pharmacology II, NS257 Population Health IIand the BSN transition courses.

Upon graduation, LPN to BSN students are prepared to practice in a variety of settings, both independently and collaboratively in other disciplines. LPN to BSN graduates have a solid preparation for graduate nursing studies and are encouraged to pursue graduate education as one means of lifelong learning. BSN degree graduates are eligible to take the National Council Licensure Examination (NCLEX) for Registered Nurses.

In order to complete a bachelor of science in nursing degree at Clarkson College, students must successfully complete a total of 130 semester hours. These hours must be distributed as follows:

- **General Education = 40 semester hours** (which must include nine semester hours of the Clarkson College core curriculum).
- **Support Courses = 21 semester hours** (at least eight semester hours of Anatomy and Physiology, four semester hours of Microbiology, four semester hours of General Chemistry I, three semester hours of Pathophysiology and two semester hours of Gerontology).
- **Major Courses = 69 semester hours** (includes 52 semester hours of nursing theory and 17 semester hours of clinical nursing courses).

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for LPN to BSN option

View course descriptions for Nursing Program or General Education

General Education Courses (40 semester hours)		**Semester Hours**
BI 122	Nutrition Science	3
EN 101	English Composition I	3
EN 102	English Composition II	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
MA 101	Introduction to Algebra	3
PY 101	Introduction to Psychology	3
PY 200	Human Development	3
SO 101	Introduction to Sociology	3
ST 310	Statistics	3
	Electives	7
		Total 40

Support Courses (21 semester hours)		**Semester Hours**
BI 210	Microbiology	4
BI 211	Anatomy	4
BI 213	Physiology	4
BI 227	Pathophysiology	3
CH 110	General Chemistry I	4
HC 220	Gerontology	2
		Total 21

Total General Education Semester Hours 61

Note: *It is possible to transfer in all non-core general education and support courses.*

Major Courses (69 semester hours)

The LPN Advanced Placement student will receive validation credit for
13 semester hours, after successful completion of NS 349, NS 355 and NS 357.

BSN Transition Courses (seven semester hours)	**Semester Hours**

BSN Transition Courses (seven semester hours)		**Semester Hours**
NS 349	Pathways for Success	1
NS 355	Concepts of Professional Practice for the LPN-BSN	3
NS 357	Physical Assessment	3
		Total 7

Required BSN Courses (49 semester hours)		**Semester Hours**
NS 128	Population Health I	1
NS 235	Pharmacology I	2
NS 256	Pharmacology II	2
NS 257	Population Health II	1
NS 340	Behavioral Health: Theory	3
NS 341	Behavioral Health: Clinical Application	3
NS 342	Nursing Care of Women and Child-Bearing Families: Theory	3
NS 343	Nursing Care of Women and Child-Bearing Families: Clinical Application	2
NS 344	Family-Centered Nursing Care of Children: Theory	3
NS 345	Family-Centered Nursing Care of Children: Clinical Application	2
NS 346	Evidence-Based Inquiry in Health Care	2
NS 347	Population Health III	1
NS 467	Transition into Practice	1
NS 468	Concepts of Complex Multisystem Clients I: Theory	4
NS 469	Concepts of Complex Multisystem Clients I: Clinical Application	3
NS 470	Concepts of Complex Multisystem Clients II: Theory	3
NS 472	Principles of Nursing Leadership and Management: Theory	3
NS 473	Preceptorship: Clinical Capstone	4
NS 474	Pharmacology III	1
NS 476 ◊	Population Health IV: Theory	2
NS 477	Population Health IV: Clinical	2
		Total 49

Diploma in Practical Nursing

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Program Outcomes

Upon completion of this program, graduates will demonstrate the ability to operationalize Practical Nursing as the human science of caring. In addition, graduates will be able to:

- Prioritize caring behaviors that contribute to positive outcomes for clients, families and health care providers in the delivery of compassionate nursing care.
- Provide compassionate and coordinated care throughout the lifespan based on the client's preferences, values and needs.
- Function effectively within the health care team to foster open communication and mutual respect with the goal to achieve quality client care.
- Utilize best current evidence in the planning, implementing and evaluation of nursing care and client outcomes.
- Improve the quality and safety of individual client care and of health care systems.
- Minimize risk of harm to clients and providers through both system effectiveness and individual performance.
- Use information and technology to communicate, manage knowledge, mitigate error and support decision making.
- Demonstrate accountability and responsibility for own professional behavior and development. Consistent with the code of ethics.

Upon graduation, students are prepared to practice collaboratively with colleagues in other disciplines in a variety of settings. Graduates will be able to articulate into programs of study leading to licensure as a registered nurse.

Practical Nursing graduates are eligible to write the National Council Licensure Examination (NCLEX-PN) for Practical Nurses.

Comprehensive Student Assessment

Practical Nursing students are enrolled in the Assessment Technology Incorporated (ATI) program. This comprehensive program prepares individuals for the NCLEX-PN. Individual ATI tests are administered upon completion of each area of study. Areas of student weakness are addressed and remediation is provided to those students. At the completion of the nursing program, the Comprehensive Predictor examination is administered to further identify strengths and weaknesses.

Curriculum Requirements

In order to complete a Practical Nursing (PN) Diploma at Clarkson College students must successfully complete a total of 50 semester hours. These hours must be distributed as follows:

- **General Education = 13 semester hours** (which must include three semester hours of the Clarkson College Core Curriculum).
- **Major Courses = 37 semester hours** (includes 21 semester hours of nursing theory and 16 semester hours of nursing clinical lab).

This program is based upon the requirements for a traditional one-year Practical Nurse course of study progression. The program is currently implemented only on a part-time basis, and students complete the

program of study in two years. Courses will only be offered according to this part-time schedule. If a student, for any reason, cannot complete a course as scheduled, they must wait until the next time the course is offered.

If a course includes both theory and clinical components, the student must obtain a grade of C or above in theory AND a Pass in clinical to obtain credit in that course. If the student receives a grade of less than C in theory OR a No Pass in clinical/lab, the student must retake both theory and clinical/lab components constituting the entire course.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for Practical Nursing

View course descriptions

First Year

First Semester		**Semester Hours**
BI 222	Basic Anatomy and Physiology Lecture	3
BI 222L	Basic Anatomy and Physiology Lab	1
NUR 101	Introduction to Practical Nursing	2
		Total 6

Second Semester		**Semester Hours**
NUR 100	Drug Calculations	1
NUR 110	Practical Nurse Caring with Adults I	6
BI 122	Nutrition	3
		Total 10

Third Semester		**Semester Hours**
NUR 130	Practical Nurse Caring with Adults II	9
		Total 9

Second Year

First Semester		**Semester Hours**
NUR 135	Practical Nurse Caring for Women and Children	6
PY 200	Human Development	3

First Semester		Semester Hours
		Total 9
Second Semester		**Semester Hours**
NUR 142	Practical Nurse Caring with Adults III	4
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
		Total 7
Third Semester		**Semester Hours**
NUR 161 ◊	Practical Nursing Caring with Adults IV	6
		Total 6

Total Semester Hours 47

Nursing Course Descriptions

Doctor of Nursing Practice Course Descriptions

DNP 910/EDD 910 Applied Research

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *None*

DNP 935/EDD 935 Advanced Health Care Policy, Law and Advocacy

Two semester hours
This course will prepare the student to design, influence and implement health care policies and laws that frame health care practice/education. The student will demonstrate the ability to analyze the policy process and engage in politically competent actions and advocacy, to include institutional, local, state, regional, federal and/or international levels. Students will demonstrate the essential competencies to assume a leadership role in the development of health policy by contrasting the major contextual factors and policy triggers that influence health policy-making at the various levels.
Prerequisite: *None*

DNP 920/EDD 920 Doctoral Seminar I

One semester hour
This course focuses on the dissertation process and a review of the literature surrounding the student's proposed topic. The students' committee chair and members will be identified. The roles of the committee chair and committee members are discussed, as well as College resources.
Prerequisites: *May take concurrently with DNP/EDD 910*

DNP 915/EDD 915 Outcomes of Health Care in a Global Society

Three semester hours, 45 clinical hours
This course examines the behavioral, cultural and social contexts of health disparities and its consequences as well as implications for the health of minority populations from a health care perspective. The history of health disparities, inequity and inequality while highlighting their differences are discussed. Emphasis is placed on the roles of health care practitioners and health care facilities in providing health care equity.
Prerequisites: *None*

DNP 930/EDD 930 Organizational Systems

Three semester hours, 45 clinical hours
This course views a health care organization as a system and focuses on structures that provoke behaviors that determine events. Unique organizational cultures, structures and behaviors that impact organizational performance will be presented. The course addresses organizational behavior, conflict resolution and change management.
Prerequisites: *None*

DNP 921/EDD 921 Doctoral Seminar II

Two semester hours
This course, focusing on scientific inquiry, emphasizes the formulation and the writing of a dissertation/proposal and the process for IRB. Methodology and content for each of the proposed chapters are defined.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930*

Comprehensive Assessment of Core (Comps)

Note: The Comprehensive Assessment of Core (Comps) is not a credit course. However, it must be completed with passing mark before enrolling in Doctoral Seminar III.
The purpose of the Comprehensive Assessment of Core course is to provide evidence of growth and development as a result of knowledge gained through core coursework and to provide an opportunity for self-assessment as a reflective practitioner. A portfolio approach will be used to assess student master of core learning outcomes. The portfolio presentation will reflect synthesis of knowledge gained through the core coursework. This reflection will provide evidence of change/growth in personal and professional goals/objectives identified at the time of admission.

DNP 922/EDD 922 Doctoral Seminar III

Two semester hours
This course focuses on the data collection, data analysis and formulation of dissertation outcome chapter(s) following IRB approval. A thorough discussion of the review of literature refuting or supporting the dissertation results is highlighted.
Prerequisites: *Successful completion of Comps, DNP/EDD 920, DNP/EDD 921*

DNP 923/EDD 923 Doctoral Seminar IV

One semester hour
This course focuses on the completion of the dissertation. Content, format issues and recommendations for further research are discussed. Dissemination of the dissertation outcome and possible outlets for publication are covered.
Prerequisites: *DNP/EDD 920, DNP/EDD 921, DNP/EDD 922*

DNP 940 Biostatistics

Three semester hours
This course provides an overview of the logic and appropriate statistical techniques most commonly reported in the research of the health professions. Emphasis is placed on logic of each statistical treatment, appropriate use and assumptions of the treatment, interpretation of the results from statistical software and evaluation of published results. Students examine various statistical methods, including data analysis theory, data management and interpretation of results using standard statistical packages. Additional course topics include: probability distributions and conditional probability, descriptive statistics, statistical inference, parametric and non-parametric procedures, regression and correlation methods as well as repeated measures.
Prerequisites: *DNP/EDD 910, DNP/EDD 920.*

DNP 942 Designing Theory for Guiding of Holistic Care

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 946 Health Economics, Finance and Entrepreneurship

Four semester hours, 45 clinical hours
This course will enable learners to apply the tools of economics, finance and strategy to address challenges faced by health care providers. Strategies for payers, manufacturers and providers will be examined. Topics will include role of economics, cost effectiveness, market analysis and financial projecting. Case studies and current events will be integrated throughout to encourage discussions about health care economics and finance. The culminating project for the class will be to develop a business plan for a new health care educational program/initiative.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 953 Grant Writing

One semester hour
This course will discuss the ideologies and techniques of effective grant writing, culminating in the creation of a competitive grant proposal.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 954/EDD 954 Manuscript Writing

One semester hour
This course guides students through the preparation of a manuscript using a previously designed or equivalent writing project. Students will develop essential parts of the manuscript during the course and prepare it for publication.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 944 Epidemiology

Three semester hours, 45 clinical hours
This course focuses on the distribution and determinants of disease frequency in human populations. This

course prepares the student to use epidemiological strategies to examine patterns of illness or injury in groups of people. Concepts of health, risk and disease causality are examined. Implications for development of data based programs for disease/injury prevention and control as well as policy implications will be discussed.
Prerequisites: *DNP/EDD 910, DNP/EDD 920, DNP 940, DNP 921*

DNP 948 Evidence-Based Practice I

Three semester hours
This course expands on the concept of evidence-based practice and its relationship to improved patient outcomes. Students gain competence through a 90 hour clinical experience in activities aimed at improving the healthcare practice and systems, outcome evaluations, translation of research into practice and outcomes, participation in interdisciplinary and collaborative research, and dissemination of results. Clinical sites may include collaboration with experts in local, state, national and international health care agencies.
Prerequisites: *DNP/EDD 910, DNP/EDD 920, DNP 940, DNP 921, DNP/EDD 944*

DNP 949 Evidence-Based Practice II

Three semester hours
This course expands on the concept of evidence-based practice and its relationship to improved patient outcomes. Students gain competence, through a 90 hour clinical experience, in activities aimed at improving the health care practice and systems, outcome evaluations, translation of research into practice and outcomes, participation in interdisciplinary and collaborative research, and dissemination of results. Clinical sites may include collaboration with experts in local, state, national and international health care agencies.
Prerequisites: *DNP/EDD 910, DNP/EDD 920, DNP 921, DNP 940, DNP 944, DNP 948*

DNP 950 Dissertation/Residency I

One semester hour, 45 clinical hours
This **first** course of **three** dissertation/residency courses taken **concurrently** with DNP 921 Doctoral Seminar II applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits. The focus is on creating change in the health care system through analysis, synthesis, critique and application of evidence-based practice to support accessible high quality, safe, efficient and effective health care. Clinical sites for the DNP residency may include collaboration with experts in community, local, state and national health care agencies. Residency activities are selected by the student under the guidance of the faculty advisor and preceptor.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP 940, DNP/EDD 930, DNP 942, DNP 946 and/or DNP 952–May take concurrently with DNP 944 and DNP 921.*

DNP 951 Dissertation/Residency II

One semester hour, 45 clinical hours
This **second** course of **three** dissertation/residency courses taken concurrently with DNP 922 Doctoral Seminar III applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with

opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits. The focus is on creating change in the health care system through analysis, synthesis, critique and application of evidence-based practice to support accessible high quality, safe, efficient and effective health care. Clinical sites for the DNP residency may include collaboration with experts in community, local, state and national health care agencies. Residency activities are selected by the student under the guidance of the faculty advisor and preceptor.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP 940, DNP/EDD 930, DNP 942, DNP 946 and/or DNP 952, DNP 950 and DNP 921. May take concurrently with DNP 922 and DNP 948.*

DNP 952 Dissertation/Residency III

One semester hour, 45 clinical hours
This **third** course of **three** dissertation/residency coursesd taken concurrently with DNP 923 Doctoral Seminar IV applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits.
Prerequisites: *May take concurrently with NS 949 and DNP 923.*

DNP 999/EDD 999 Dissertation Completion

One to eight semester hours
The course includes guided study in dissertation completion under the supervision of committee chair. Completion of an Independent Study form is required before registration.
Prerequisites: *Approval of committee chair, director or dean required.*

For Admissions Beginning Fall 2015 - Doctor of Nursing Course Descriptions

DNP 910/EDD 910 Applied Research

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *None*

DNP 936/EDD 936 Advanced Health Care Policy, Law and Ethics

Three semester hours
This course will prepare the student to design, influence, and implement health care policies that frame ethical health care practice/education through financing, regulation, access, safety, quality, and advocacy. The student will investigate health care policies that address issues of social justice and equity in health care. The student will apply two additional skill sets: the ability to analyze the policy process and the ability to engage in politically competent action. The student will engage proactively in the development and implementation of

health policy at various levels, including institutional, local, state, regional, federal, and international levels. Students will demonstrate the essential competencies to assume a leadership role in the development of ethical health policy by contrasting the major contextual factors and policy triggers that influence health policy-making at the various levels.
Prerequisite: *None*

DNP 920/EDD 920 Doctoral Seminar I

One semester hour
This course focuses on the dissertation process and a review of the literature surrounding the student's proposed topic. The students' committee chair and members will be identified. The roles of the committee chair and committee members are discussed, as well as College resources.
Prerequisites: *May take concurrently with DNP/EDD 910*

DNP 915/EDD 915 Outcomes of Health Care in a Global Society

Three semester hours
This course examines the behavioral, cultural and social contexts of health disparities and its consequences as well as implications for the health of minority populations from a health care perspective. The history of health disparities, inequity and inequality while highlighting their differences are discussed. Emphasis is placed on the roles of health care practitioners and health care facilities in providing health care equity.
Prerequisites: *None*

DNP 931/EDD 931 Health Care Organizational Systems

Two semester hours, 45 clinical hours
This course will review healthcare delivery/educational systems in the United States. This course will focus on the effects of the U.S. healthcare system on the structure, culture and behavior of healthcare delivery and educational organizations. This course addresses organizational behavior, conflict resolution, and change management.
Prerequisites: *None*

DNP 921/EDD 921 Doctoral Seminar II

Two semester hours
This course, focusing on scientific inquiry, emphasizes the formulation and the writing of a dissertation/proposal and the process for IRB. Methodology and content for each of the proposed chapters are defined.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP/EDD 930*

Portfolio Assessment of Core Competencies

(EdD/DNP) Note: The Portfolio Assessment of Core Competencies is not a credit course. The portfolio will be reviewed and approved by the doctoral student's Committee. However, it must be completed with passing mark before enrolling in Doctoral Seminar III.
The purpose of the Portfolio Assessment of Core Competencies is to provide evidence of growth and development as a result of knowledge gained through core coursework and to provide an opportunity for self-assessment as a reflective practitioner. A portfolio approach will be used to assess student mastery of core learning outcomes. The portfolio presentation will reflect synthesis of knowledge gained through the core coursework. This reflection will provide evidence of change/growth in personal and professional goals/objectives identified at the time of admission.

DNP 922/EDD 922 Doctoral Seminar III

Two semester hours
This course focuses on the data collection, data analysis and formulation of dissertation outcome chapter(s) following IRB approval. A thorough discussion of the review of literature refuting or supporting the dissertation results is highlighted. Completion of the Portfolio Assessment of Core Competencies is part of this course.
Prerequisites: *Successful completion of Portfolio Assessment, DNP/EDD 920, DNP/EDD 921*

DNP 923/EDD 923 Doctoral Seminar IV

One semester hour
This course focuses on the completion of the dissertation. Content, format issues and recommendations for further research are discussed. Dissemination of the dissertation outcome and possible outlets for publication are covered.
Prerequisites: *DNP/EDD 920, DNP/EDD 921, DNP/EDD 922*

DNP 944 Biostatistics/Epidemology

Three semester hours
This course provides an overview of the logic and appropriate statistical techniques most commonly reported in the research of the health professions. Emphasis is placed on logic of each statistical treatment, appropriate use and assumptions of the treatment, interpretation of the results from statistical software and evaluation of published results. Students examine various statistical methods, including data analysis theory, data management and interpretation of results using standard statistical packages. Additional course topics include: probability distributions and conditional probability, descriptive statistics, statistical inference, parametric and non-parametric procedures, regression and correlation methods as well as repeated measures.
Prerequisites: *DNP/EDD 910, DNP/EDD 920.*

DNP 942 Designing Theory for Advanced Nursing Practice

Three semester hours
This course in advanced research provides students with knowledge and skills for understanding, analyzing and designing research at the doctorate-level. Students explore the application of research to the practice setting. Quantitative, qualitative and mixed-method research designs and methods are analyzed. Ethical and social change implications of conducting research, producing knowledge and engaging in scholarship are emphasized. Students will synthesize and apply their knowledge and skills of applied research.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 947 Health Economics, Finance and Entrepreneurship

Three semester hours, 45 clinical hours
This course will enable learners to apply the tools of economics, finance and strategy to address challenges faced by health care providers. Strategies for payers, manufacturers and providers will be examined. Topics will include role of economics, cost effectiveness, market analysis and financial projecting. Case studies and current events will be integrated throughout to encourage discussions about health care economics and finance. The culminating project for the class will be to develop a business plan for a new health care educational program/initiative.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 953 Grant Writing

Elective
This course will discuss the ideologies and techniques of effective grant writing, culminating in the creation of a competitive grant proposal.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 954/EDD 954 Manuscript Writing

Elective
This course guides students through the preparation of a manuscript using a previously designed or equivalent writing project. Students will develop essential parts of the manuscript during the course and prepare it for publication.
Prerequisites: *DNP/EDD 910, DNP/EDD 920*

DNP 944 Biostatistics/Epidemiology

Two semester hours, 45 clinical hours
This course provides an overview of the rationale for appropriate statistical techniques commonly reported in healthcare research. Additionally, this course prepares the student to use epidemiological strategies to examine patterns of illness or injury in groups of people. Concepts of health, risk, and disease causality are also examined. Implications for development of data-based programs for disease/injury prevention and control as well as policy implications will be discussed.
Prerequisites: *DNP/EDD 910, DNP/EDD 920, DNP 940, DNP 921*

DNP 948 Evidence-Based Practice

Three semester hours
This course expands on the concept of evidence-based practice and its relationship to improved patient outcomes. Students gain competence through activities aimed at improving the healthcare practice and systems, outcome evaluations, translation of research into practice and outcomes, participation in interdisciplinary and collaborative research, and dissemination of results. Clinical sites may include collaboration with experts in local, state, national, and international healthcare agencies.
Prerequisites: *DNP/EDD 910, DNP/EDD 920, DNP 940, DNP 921, DNP/EDD 944*

DNP 950 DNP Scholarly Project/Residency I

One semester hour, 75 clinical hours
This first course of three DNP Scholarly Project/residency courses taken concurrently with DNP 921 Doctoral Seminar II applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits. The focus is on creating change in the health care system through analysis, synthesis, critique and application of evidence-based practice to support accessible high quality, safe, efficient and effective health care. Clinical sites for the DNP residency may include collaboration with experts in community, local, state and national health care agencies. Residency activities are selected by the student under the guidance of the faculty advisor and preceptor.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP 940, DNP/EDD 930, DNP 942, DNP 946 and/or DNP 952. May take concurrently with DNP 944 and DNP 921.*

DNP 951 DNP Scholarly Project/Residency II

One semester hour, 75 clinical hours
This second course of three DNP Scholarly Project/Residency courses taken concurrently with DNP 922 Doctoral Seminar III applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits. The focus is on creating change in the health care system through analysis, synthesis, critique and application of evidence-based practice to support accessible high quality, safe, efficient and effective health care. Clinical sites for the DNP residency may include collaboration with experts in community, local, state and national health care agencies. Residency activities are selected by the student under the guidance of the faculty advisor and preceptor.
Prerequisites: *DNP/EDD 910, DNP/EDD 935, DNP/EDD 920, DNP/EDD 915, DNP 940, DNP/EDD 930, DNP 942, DNP 946 and/or DNP 952, DNP 950 and DNP 921. May take concurrently with DNP 922 and DNP 948.*

DNP 952 DNP Scholarly Project//Residency III

One semester hour, 75 clinical hours
This third course of three DNP Scholarly Project/Residency courses taken concurrently with DNP 923 Doctoral Seminar IV applies knowledge and skill to improve health care outcomes while providing students with the opportunity to participate in a residency in their area of specialization. Students gain competence analyzing organizational systems and facilitating change in health care delivery. Students will have opportunities to evaluate current practice, translate research into practice and participate in activities aimed at improving the access, efficiency and quality of health care systems. Residency activities provide the students with opportunities to participate in professional service activities to expand their area of research or clinical interest and/or develop significant scholarly pursuits.
Prerequisites: *May take concurrently with NS 949 and DNP 923.*

DNP 999/EDD 999 Dissertation Completion

One to eight semester hours
The course includes guided study in dissertation completion under the supervision of committee chair. Completion of an Independent Study form is required before registration.
Prerequisites: *Approval of committee chair, director or dean required.*

Graduate Nursing Course Descriptions

Note: All courses require admission to the program or a petition with approval by the MSN program director.

BI 805 Cadaver Applications in Anatomy

Three semester hours
The focus of this graduate elective course centers on expansion of the graduate student's foundational anatomy knowledge, brought from their undergraduate and clinical experiences through detailed cadaver dissection and lecture. Correlation of pertinent regional anatomy to clinical cases and/or areas of graduate study will be emphasized when relevant. Lecture and lab will be held at the University of Nebraska Medical Center Cadaver Lab. Course is set up as one lecture hour and two lab hours.
Prerequisite: *BI 211 or equivalent.*

GR 798 Essentials of Scholarly Writing

One semester hour
This course offers one hour of credit for developing skills needed to compose an evidence review of primary studies to address a focused question aimed at improving health care and/or health education. A review of methods to organize the document will be emphasized as well as sharpening basic writing skills, grammar, punctuation, and improving study requirements needed for the scholarly document appropriate for the academic community and professional healthcare arena.
Prerequisite: *Admission to Master of Science in Nursing (MSN) program.*

NS 799 Role Transition

One semester hour
This course provides a framework for the transition to graduate education and serves as a foundation for the graduate program at Clarkson College. Students will learn how to effectively write scholarly papers, both in terms of format and APA style, and discuss the graduate student role as well as personal challenges to graduate education. This course provides an overview of the Clarkson College online course management platform. It includes a preview of the instructional methods and format of the courses, as well as special features within the course management platform. (NS 371 Role Transition is a comparable course to NS 799, when taken in the RN-MSN Program)
Prerequisite: *Admission to Master of Science in Nursing (MSN) program.*

NS 801 Theories and Concepts of Advanced Practice Roles

One semester hour
This course provides an overview of the roles of the master's prepared nurse. The history, growth, and challenges of advanced practice will be explored. Educational requirements, licensure, credentialing, roles, scope of practice, and practice environments to include cultrural aspects, ethical, and legal issues for master's prepared nurses will be reviewed. Various health policies will be discussed in relationship to the role of the master's prepared nurse.
Prerequisites: *GR 798; NS 799.*

NS 803 Health Care Delivery Systems and Managed Care

Two semester hours
This course is an overview of the United States health care system as compared to health systems in other countries. It includes the study of the evolution and current state of health care services and insurance, health professionals, quality, health policy, and health services financing. HMOs, PPOs, and POS plans will be reviewed. Additionally, managed care objectives, functions and contracting will be discussed.
Prerequisites: *GR 798; NS 799, NS 801*

NS 804 Application and Evaluation of Theory in Nursing

Three semester hours
This course provides a general introduction to the philosophy of science as it applies to social and human phenomena. The history and process of theory development is discussed and various theories of nursing are analyzed and critiqued. Emphasis is placed on the application of nursing theories related to QSEN, IOM, Healthy People 2020, and evidence-based practice in a variety of settings. Through integrating theory and practice, students are given the opportunity to formulate their own personal application of theory in professional, education, research and service activities.
Prerequisites: *GR 798; NS 799, NS 801*

NS 806 Theories of Learning for the Nurse Educator

Three semester hours
Selected theories of learning, development and cognition are examined in relation to their philosophical underpinnings and basic assumptions. Theory application to program/course design, students/faculty interactions, and evaluation process are explored. Attention to learner needs, different learning environments, and strategies to enhance professional role development will be explored. The impact caring, evidence-based practice, technology, and collaboration have on learning will be examined.
Prerequisites: *GR 798; NS 799, NS 801, NS 803 and NS 804.*

NS 808 Nursing Law and Ethics

Three semester hours
This course provides various ethical frameworks and an overview of the U.S. legal system, as a basis for analyzing health care issues affecting health care institutions, individual patients throughout their life spans, and health care providers. Students will locate and identify primary legal resources related to nursing in order to answer specific legal questions related to their individuals nursing practices. Overall legal-ethical issues common to health care administration, expanded practice nursing, and health care education are reviewed. Selected complex health care ethical dilemmas, such as right to life, right to die, and health care allocation are examined.
Prerequisites: *GR 798; NS 799 and NS 801.*

NS 812 Research Design and Methods

Three semester hours
This course will examine the relationships among nursing theory, research and practice. An emphasis is placed on research competencies for the master's prepared professional nurse. The student will demonstrate knowledge of the research process, development of a researchable question, basic research designs, and research methodologies for the development of a research proposal applicable to nursing practice.
Prerequisites: *GR 798; NS 799, NS 847, NS 801, NS 804, NS 830 and NS 847; admission to Master of Science in Nursing (MSN) program or petition with approval by the Master of Science in Nursing program director.*

NS 822 Curriculum Development for the Nurse Educator

Three semester hours
The focus of this course is curriculum development for the nurse educator in higher education, patient education or staff development. Emphasis is placed on the historical background of higher education, philosophical foundations of curriculum, curriculum development, and curriculum designs/models. The impact technological advances along with global issues, regulation, accreditation, and program accountability has on curriculum development are explored.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804 and preferably NS 806.*

NS 823 Evaluation Strategies for the Nurse Educator

Three semester hours
This course focuses on the process and current issues related to evaluation in nursing education. Evaluation models and concepts related to the measurement of program outcomes and levels, along with course and classroom competencies are explored. Additionally, the theories of testing and measurement and a variety of evaluation and assessment instruments are reviewed or developed. Legal and ethical issues related to student admission, progression, and evaluation in nursing programs are discussed.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804 and preferably NS 806. NS 822 may be taken concurrently.*

NS 826 Pharmacology, Pathophysiology and Health Assessment Overview for Nurse Educators

Three semester hours
This course will provide the application of comprehensive health assessment techniques, pathophysiological changes and pharmacological needs of clients across the lifespan using a case study approach. Application of evidence-based studies related to safe, client-centered care will be explored. Application of teaching strategies to concepts presented will be discussed.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804 and preferably NS 806, NS 822 and NS 823.*

NS 827 Teaching and Learning Strategies for the Nurse Educator

Three semester hours
This course focuses on the development and implementation of teaching-learning strategies that engage students in the classroom, clinical and skills lab. The theoretical foundations of teaching and learning, methods for instructional planning, sequencing and organizing instruction, and utilization of evolving technological strategies are emphasized. Evidence-based teaching strategies for educators are examined that promote student engagement to provide safe, client-centered care.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804 and preferably NS 806, NS 822 and NS 823.*

NS 828 Primary Care of the Geriatric Client

Two semester hours
This course provides the student with a framework for geriatric primary care nursing practice. It presents the dynamics of aging and its effects on older adults and their health. Underlying mechanisms of major chronic conditions affecting older adults will be presented. Clinical problems such as incontinence, functioning capacity, safety, nutrition, cognition, skin integrity and iatrogenic illness and their effect on ADLs will be explored. Advanced planning for end of life issues will be discussed. Current practices, strategies and evidence-based findings will support facilitation of interdisciplinary health care management of the geriatric client.
Prerequisites*: GR 798; NS 799, NS 801, NS 80~~2~~3, NS 804 and NS 830.*
Clinical hours: *zero.*

NS 830 Advanced Physical Assessment

Three semester hours
This course examines the management of common health problems for adults in primary care. A conceptual framework for the primary care nurse practitioner's clinical practice is explored. The course addresses the concepts of primary health care promotion and maintenance, illness prevention, differentiation of clinical patterns, and clinical decision-making. Refinement of diagnostic reasoning strategies will be the focus. Principles of teaching/learning, family assessment to include the geriatric client, cost analysis, and cultural and spiritual beliefs are integrated in the development of evidence-based practice plans of care. The concept of caring and its role in evidence-based practice will be woven throughout the course. The course will examine the use of informatics in relation to negotiating and managing healthcare delivery systems as members of an interdisciplinary team. The course will integrate advocating professional behavior that advances the profession and improves health outcomes.
Prerequisites: *GR 798; NS 799, NS 801, NS 803 and NS 804. NS 838 (Advanced Pathophysiology) should be taken prior to NS 830 or concurrently.*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *50.*

NS 832 Primary Health Care I

Three semester hours
This course examines management of common health problems for adults in primary care. A conceptual framework for the primary care nurse practitioner's clinical practice is explored. The course addresses the concepts of primary care health promotion and maintenance, illness prevention, differentiation of clinical patterns, and clinical decision-making. Refinement of diagnostic reasoning strategies will be a focus. Principles of teaching/learning, family assessment to include the geriatric client, cost analysis, and cultural beliefs are integrated in the development of evidence-¬based practice plans of care. The concept of caring and it's role in evidence-based practice will be woven throughout the course. The course will examine the use of informatics in relation to negotiating and managing healthcare delivery systems as members of an interdisciplinary team. The course will integrate advocating professional behavior that advances the profession and improves health outcomes.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804, NS 830 and NS 838. NS 836 (Pharmacology for Practitioners) should be taken prior to NS 832 or concurrently.*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *120.*

NS 834 Advanced Nutrition

Three semester hours
This course emphasizes the essential components of nutrition including cultural aspects to prevent disease and promote and restore the health of individuals and families. Therapeutic diets will be included.
Prerequisites: *GR 798; NS 799. Recommended concurrent enrollment in NS 840.*

NS 836 Pharmacology for Practitioners

Three semester hours
This course will build upon information learned during undergrad¬uate nursing pharmacology courses and refined in practice. Students will review where, why, and how various classes of drugs exert their therapeutic effects (pharmacodynamics). Pharmacokinetic concepts (i.e., the actions of the body on a drug) will also be reviewed. More importantly, advanced practice students will learn to integrate the clinical application of medications in practice to assume the prescriber role of advanced practice. Through the integration of pharmacoki-netics and pharmacodynamics, students will gain an understanding of the predictable nature of the therapeutic actions, correlation of pathophysiology and diagnosis to safely prescribe (pharmacotherapeutic intervention) the appropriate medication across the life span.
Prerequisites: *GR 798; NS 799 and NS 838. This course should be taken prior to 832 or concurrently.*

NS 838 Advanced Pathophysiology

Three semester hours
Pathophysiology is the study of how cells, tissues, organs and organ systems respond to disease. This course is designed to provide the student with a comprehensive foundation of the phenomena that produce alterations in human physiologic function across the lifespan. The course examines general principles of pathology such as inflammation, wound healing, genetic diseases and oncology. The course explores the mechanisms of how disease affects function, and how systems respond to each disease and compensate for disease.
Prerequisites: *GR 798; NS 799. This course should be taken prior to NS 830 or concurrently.*

NS 840 Primary Care of Children and Adolescents

Three semester hours
This course focuses on the management of the common health problems of individuals from birth to adolescence. The course integrates the concepts of primary health care promotion and maintenance, illness prevention, differentiation of clinical patterns, and clinical decision-making. Planning and evaluating care

relative to the pediatric client will be emphasized.
Prerequisites: *GR 798; NS 799, NS 830, NS 832, NS 836 and NS 838. Recommended concurrent enrollment in NS 834 or NS 812.*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *160.*

NS 841 Behavioral Health Care for Practitioners

Three semester hours
This course examines family problems, health risk behaviors and common psychiatric disorders. Refinement of diagnostic reasoning and referral skills will be the focus. Principles of teaching/learning, family assessment, cost analysis, cultural beliefs, service-learning, and diversity are integrated in the development of evidenced-based practice plans of care. The concept of caring and how it plays a part in evidenced-based practice is woven throughout the course.
Prerequisites: *GR 798; NS 799, NS 830, NS 832, NS 836 and NS 838. Recommended concurrent enrollment in NS 834.*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *160.*

NS 842 Primary Care of Women

Three semester hours
This course examines management of common physical and psychological health issues facing women. Through the use of evidence-based practice as well as teamwork and collaboration, diagnostic reasoning strategies will be developed. Principles of client-centered care, safety, quality improvement, cost analysis, and cultural beliefs are integrated in the development of care strategies. The concept of caring and how it plays a part in the evidence-based practice will be woven throughout the course.
Prerequisites: *GR 798; NS 799, NS 830, NS 832, NS 834, NS 836, NS 838 and NS 812. Recommended concurrent enrollment in NS 907.*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *160.*

NS 844 Primary Health Care II

Three semester hours
This course examines the management of adult clients with complex/chronic health problems in primary care settings, with special attention given to the geriatric client and clients with emergency issues. A conceptual framework for the primary care nurse practitioner's clinical practice is explored. The course addresses the levels of health promotion, differentiation of clinical patterns, and clinical decision-making. Refinement of diagnostic reasoning strategies will be emphasized. Principles of teaching/learning, family assessment to include the geriatric client, cost analysis, and cultural and spiritual beliefs are integrated in the development of evidence-based practice plans of care. The concept of caring and its role in evidence-based practice will be woven throughout the course. The course will also examine the use of informatics that relates to management and negotiation of interdisciplinary healthcare delivery systems. The course will integrate the principles of professional advocacy to improve health outcomes.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804, NS 808, NS 812, NS 830, NS 832, NS 834, NS 836, NS 838, NS 840, NS 842 and NS 847. NS 908 or NS 909 may be taken concurrently (if NS 907 has been completed).*
Note: *Requires preceptor and clinical site approval prior to registration.*
Clinical hours: *160.*

NS 847 Applied Statistics

Three semester hours
An in-depth coverage of the strategies involved in data analysis, including statistical procedures and interpretation of data for research. Students will apply knowledge of descriptive, parametric, non-parametric, univariate, and selected multivariate approaches to data analysis. Emphasis will be on interpretation of statistical results and on evaluation of published research and its applicability to health care. Each student is expected to be familiar with common terminology and with use of descriptive and inferential statistical techniques, including probability, chi-square, student t analysis of variance, rank sum, Mann Whitney U, median test, sign test, and correlation.
Prerequisite: *GR 798 (Unless NS 847 is a prerequisite for your program); Basic statistics course preferred.*

NS 894 Nursing Education Practicum

Three semester hours
This course contains an advanced application of nursing education principles and theories within a school of nursing, patient teaching, or staff development setting. Students are expected to incorporate knowledge gained throughout the education major. The concept of caring and how it plays a part in the design, implementation, and evaluation of a program of study and the students will be emphasized.
Prerequisites: *GR 798; NS 799, NS 801, NS803, NS 804, NS 808, NS 847, NS 812, NS 806, NS 822, NS 823, NS 826 and NS 827.*
Co-requisites: *NS 910, NS 911 or NS 912.*
Clinical hours: *135.*

NS 898 Nursing Health Care Leadership Practicum

Three semester hours
This course offers the student the opportunity to demonstrate advanced leadership/management skills in a selected health care system. Students are expected to incorporate knowledge gained throughout the health care leadership major. The course also promotes the utilization of advance theoretical knowledge in new and existing situation within the practice setting. Earning outcomes stress creative leadership behaviors.
Prerequisites: *GR 798; NS 799, NS 801, NS 803, NS 804, NS 808, NS 812, NS 847, MB 808, MB 810, MB 823, MB 827, MB 836 and MB 851.*
Co-requisites: *NS 910, NS 911 and NS 912.*
Note: *Student must initiate arrangements for practicum with the faculty prior to registration (135 hours of practice during the semester).*

NS 899 Independent Study

One to six semester hours
The course includes guided study in special topics under the supervision of a faculty member. Completion of an Independent Study form is required before registration.
Prerequisite: *Approval of a faculty, Director or Dean required before registration.*

NS 910 Evidence-Based Practice Research Project I

One semester hour
NS 910 is the first of three courses culminating in a scholarly, evidence-based practice journal article and poster presentation. The EBP research project allows students to investigate a question of practical importance, or investigate a nursing problem of practice importance by developing and testing an intervention, curriculum or protocol for application to a specific population within a specific setting. Each student will complete a problem statement, theoretical framework and compile a literature review to include the concepts of QSEN, IOM, Healthy People 2020, gerontology, and/or genetics and genomics as appropriate, according to established requirements relevant to their area of concentration.

Prerequisites: GR 798, NS 799, NS 847, NS 801, NS 803, NS 804, NS 808, NS 812, NS 830 and 9 additional credit hours of specialty courses. Students may take only one credit hour of EBP at a time.

NS 911 Evidence-Based Practice Research Project II

Two semester hour
NS 911 is the second of three courses culminating in a scholarly, evidence-based practice journal article and poster presentation. The EBP research project allows students to investigate a question of practical importance, or investigate a nursing problem of practice importance by developing and testing an intervention, curriculum or protocol for application to a specific population within a specific setting. The student will build on the material completed in NS 910 and will add the methodology, IRB components and journal query letter. During this process the student will implement evidence-based practice guidelines to include the concepts of QSEN, IOM, Healthy People 2020, gerontology, and/or genetics and genomics as appropriate.
Prerequisites: GR 798, NS 799, NS 847, NS 801, NS 803, NS 804, NS 808, NS 812, NS 830, NS 910 and 9 additional credit hours of specialty courses. Students may take only one course of EBP at a time.

NS 912 Evidence-Based Practice Research Project III

One semester hour
NS 912 is the final course in the three courses culminating in a scholarly, evidence-based practice journal article and poster presentation. The EBP research project allows students to investigate a question of practical importance, or investigate a nursing problem of practice importance by developing and testing an intervention, curriculum, or protocol for application to a specific population within a specific setting. The student will build on the material completed in NS 910 I and NS 911 II and will complete the project to include data collection and analysis, findings, discussion, implications and or recommendations, and conclusions. A completed journal article and poster presentation is required. The student will evaluate evidence-based practice guidelines to include the concepts of QSEN, IOM, Healthy People 2020, gerontology, and/or genetics and genomics as appropriate.
Prerequisites: GR 798, NS 799, NS 847, NS 801, NS 803, NS 804, NS 808, NS 812, NS 830, NS 910, NS 911 and 9 additional credit hours of specialty courses. Students may take only one course of EBP at a time.

Nurse Anesthesia Course Description

Note: All courses require admission to the program or a petition with approval by the MSN program director.

AN 805 Cadaver Applications in Anatomy

Three semester hours with Lab
The focus of this graduate course centers on expansion of the graduate student's foundational anatomy knowledge through detailed cadaver dissection and lecture. Correlation of pertinent regional anatomy to clinical cases and/or areas of graduate study will be emphasized when relevant. Lecture and lab will be held at the University of Nebraska Medical Center Cadaver Lab. Course is set up as one lecture hour (one contact hour per week) and two lab hours (six contact hours per week).
Prerequisites: *AN 841 and AN 842. To be taken simultaneously with AN 843.*

AN 830 Advanced Physical Assessment for Nurse Anesthesia

Three semester hours
This course emphasizes competencies in history taking and performing comprehensive health assessments of individuals of all ages, and the interpretation of findings with a focus on anesthesia. The concept of caring and

how it plays a part in this process will be woven throughout the course.
Prerequisites: *AN 841 and AN 842.*

AN 841 Anatomy, Physiology and Pathophysiology I

Six semester hours
A systems approach to the advanced study of anatomy, physiology and pathophysiology with an emphasis on anesthesia implications. Covers various pathological conditions and diseases of specific concern to the anesthesia provider. Focuses on the cardiovascular, immune, musculoskeletal, renal and hematologic systems of the body.
Prerequisite: *Acceptance into Nurse Anesthesia program.*

AN 842 Anatomy, Physiology and Pathophysiology II

Six semester hours
A systems approach to the advanced study of anatomy, physiology and pathophysiology with an emphasis on anesthesia implications. Covers various pathological conditions and diseases of specific concern to the anesthesia provider. Focuses on the respiratory, gastrointestinal, hepatic, endocrine and nervous systems in addition to important areas of non-systems pathophysiology.
Prerequisite: *AN 841.*

AN 843 Anatomy, Physiology and Pathophysiology III

Two semester hours
A systems approach to the advanced study of anatomy, physiology and pathophysiology with an emphasis on anesthesia implications. Covers various pathological conditions and diseases of specific concern to the anesthesia provider. Culmination of students acquired knowledge of anatomy, physiology and pathophysiology in a case study format designed to aid the student in the application of didactic materials and transition into the clinical phase of the program.
Prerequisites: *AN 841, AN 842, AN 870 and AN 871.*

AN 866 Pharmacology I: Anesthetic Agents

Three semester hours
Focus on general principles of drug action; uptake and distribution of inhalation agents, inhalation anesthetics and anesthesia induction drugs; opiate agonists/antagonists; and non-narcotic analgesics.
Prerequisite: *Acceptance into Nurse Anesthesia program.*

AN 867 Pharmacology II: Anesthetic Agents

Three semester hours
Focus on neuromuscular blocking drugs, local anesthetics, autonomic pharmacology, asthma pharmacotherapy and cardiovascular pharmacology.
Prerequisite: *AN 866.*

AN 868 Pharmacology III: Adjunct Drugs

Two semester hours
The basic principles of pharmacology including mechanisms of absorption. bio-transformation, elimination, dose-response relationships, and drug and receptor interactions are presented. Includes detailed presentation of the pharmacology of classes of adjunct drugs encountered by nurse anesthetists will be made.
Prerequisites: *AN 866 and AN 867.*

AN 870 Basic Principles of Anesthesia

Four semester credits
Introduces the nurse anesthesia graduate student to concepts necessary to plan and execute a safe, individualized anesthetic. Course includes pre- and post-anesthetic assessment, formulation of the anesthesia care plan, anesthetic techniques, the administration and management of major nerve conduction anesthesia, acute pain management, prevention of complications, fluid management, positioning the patient, and the monitoring and utilization of anesthesia equipment. An emphasis is placed on patient centered care, prevention of complications and improving patient outcomes.
Prerequisite: *Acceptance into Nurse Anesthesia program.*

AN 870L Basic Principles Lab

One semester credit
Provides the nurse anesthesia graduate student guided practical experience associated with those concepts presented in Basic Principles of Anesthesia. Includes practice in and evaluation of task specific skills in both simulation and actual patient environments. This includes but is not limited to human patient simulation, skills lab, regional anesthesia simulation and airway simulation.
Prerequisites: *Acceptance into Nurse Anesthesia program. This course is to be taken simultaneously with AN 870.*

AN 858 Scientific Foundations

Three semester hours
A review of the principles of chemistry (aqueous solutions and concentrations; acids, bases and salts), biochemistry (hepatic metabolism, cellular mechanisms for action and drug receptor interaction) and physics (units of measurement; gases and gas laws; solubility, diffusion and osmosis; pressure and fluid flow; electricity and electrical safety; vaporization and humidification; and measurement of oxygen, carbon dioxide and hydrogen ion) as they relate to anesthesia practice.
Prerequisite: *Acceptance into Nurse Anesthesia program.*

AN 871 Advanced Principles of Anesthesia

Four semester credits
Intensively covers the advanced concepts and principles of anesthetic management with an emphasis on pediatrics, obstetrics, geriatrics, obesity and chronic pain management. Includes student presentations of the anesthesia techniques and management of specific surgical procedures with patient-focused anesthesia implications. This is a teaching exercise in which the students are responsible for educating their peers. An emphasis is placed on patient-centered care, prevention of complications and improving patient outcomes.
Prerequisite: *AN 870.*

AN 871L Advanced Principles Lab

One semester credit
Provides the nurse anesthesia graduate student guided practical experience associated with those concepts presented in Advanced Principles of Anesthesia. Includes practice in and evaluation of task specific skills in both simulation and skills lab environments. Health and safety requirements are completed during this course.
Prerequisite: *AN 870L. To be taken simultaneously with AN 871.*

AN 859 Professional Aspects of Nurse Anesthesia

Three semester credits
Provides the graduate nurse anesthesia student an opportunity to focus on a variety of professional issues including the history of nurse anesthesia, professional socialization and participation, roles of the nurse anesthetist and the American Association of Nurse Anesthetists, regulations of nurse anesthesia practice, standards of care, scope of practice, practice settings and employment options, reimbursement, quality assessment, the legal system, medical ethics and chemical dependency, patient safety, infection control and standard precautions. Attendance at a State Association of Nurse Anesthetists meeting is required for this course. This is a designated service course which provide partial fulfillment of the college service-learning requirements.
Prerequisite: *Acceptance into Nurse Anesthesia program.*

AN 911 Clinical Correlation Conference Seminar I: Practice Roles/Managed Care/Clinical Correlation Case Studies

Two semester hours
Students will explore such issues as, roles of the advance practice nurse today and in the future, the impact of state and federal laws on CRNA practice, managed care organizations, reimbursement methods, profit vs. nonprofit hospitals, specialty hospitals, hospital governance, and how these issues relate to nurse anesthesia practice. This is a designated service course which provide partial fulfillment of the college service-learning requirements.
Prerequisite: *Progression to clinical phase of Nurse Anesthesia program.*

AN 912 Clinical Correlation Conference Seminar II: Health Care Systems/Clinical Correlation Case Studies Two semester hours

Students will explore such issues as, current health care system, recent and future trends in health care, health care policy issues facing the United States, and how these issues relate to nurse anesthesia practice. This is a designated service course which provide partial fulfillment of the college service-learning requirements.
Prerequisite: *AN 911.*

AN 913 Clinical Correlation Conference Seminar III: Theory Development/Clinical Correlation Case Studies

Two semester hours
Students will explore the process of theory development including the integration of evidence-based anesthesia practice.
Prerequisite: *AN 912.*

AN 914 Clinical Correlation Conference Seminar IV: Theory Application/Clinical Correlation Case Studies

Two semester hours
Students will explore application of nursing theory to clinical, educational and/or administrative activities in the nurse anesthesia practice.
Prerequisite: *AN 913.*

AN 951-955 Clinical Anesthesia Practicum I–V

15 semester hours
Exposure of graduate Nurse Anesthesia student to patient care with supervised participation in administration of anesthesia. Student is provided opportunity to demonstrate internalization of theoretical concepts and knowledge base application in anesthesia management and techniques. Includes opportunities in various clinical settings, providing the experiences necessary for the student to gain competency for entry level anesthesia practice.

During clinical practicum I–IV, the student will meet or exceed objectives within cognitive, psychomotor and affective domains. These objectives are appropriate for the student's level of experience. Expectations increase with each semester. During clinical practicum V, the student will meet or exceed program terminal objectives in the areas of patient safety, individualized perianesthetic management, critical thinking, communication skills and professional role of the nurse anesthetist. AN 951 and AN 953 include health and safety requirements.
Prerequisite: *Progression to clinical phase of Nurse Anesthesia program*

AN 920 ECG Interpretation and Clinical Implications of Dysrhythmias in the Adult Patient

One semester hour
This course content will build upon previous ECG knowledge and experience. It includes 12-lead ECG interpretation, hemodynamic and clinical implications of dysrhythmias, and treatment options for identified abnormalities. Emphasis will be placed on theory and research that supports best-practice. Course content will develop a conceptual understanding and enhanced clinical skills for the care of the adult patient.
Prerequisite: *Successful completion of Phase 1 of the Nurse Anesthesia program.*

AN 931 Senior Project I

One semester hour – taken during semester five
This is the first on three courses culminating in a scholarly senior project. The student will identify and assess a problem within anesthesiology, then propose a needed change in practice, education, theory or policy. The student will complete a problem statement, theoretical framework and a literature review related to their topic.
Prerequisite: *Progression in clinical phase of Nurse Anesthesia program.*

AN 932 Senior Project II

One semester hour – taken during semester six
This is the second of three courses culminating in a scholarly, senior project. The student will critically analyze existing literature; gather and interpret data if indicated; then formulate a plan to enhance anesthesia practice, education, theory or policy.
Prerequisites: *Progression in clinical phase of Nurse Anesthesia program and AN 931.*

AN 933 Senior Project III

One semester hour – taken during semester seven
This is the final course of the three courses in which the student realizes the culmination of the scholarly, senior project with implementation, presentation and/or publication.
Prerequisites: *Progression in clinical phase of Nurse Anesthesia program and AN 932.*

Bachelor of Science in Nursing Course Descriptions

NS 115 Introduction to Concepts of Caring

Two semester hours
This course is designed to introduce professional nursing concepts of quality and safety with a caring, holistic approach. The student is introduced to the professional knowledge, skills and attitudes essential to the development of nursing competencies when providing client-centered care in a safe, quality and interdisciplinary environment that uses informatics and an evidenced-based approach to promote quality

outcomes.
Prerequisites: *BI 211 and CH 110.*

NS 125 Foundational Skills and Assessment of the Adult: Theory

Three semester hours
The student will apply the basic concepts of anatomy and chemistry when performing nursing skills including assessment of the adult. The student will learn the fundamentals of safety to minimize risk of harm to clients and health care providers as it applies to evidence-based, client-centered care in a variety of health care environments. Students will be able to define behaviors that support a professional, caring relationship.
Prerequisites: *BI 211 and CH 110.*
Co-requisite: *NS 126.*

NS 126 Foundational Skills and Assessment of the Adult: Clinical

Two semester hours
Students will perform foundational nursing and assessment skills in the care of the adult. The student will demonstrate the fundamentals of safety to minimize risk of harm to clients and health care providers as it applies to evidence-based, client-centered care in a variety of health care environments. Students will practice behaviors that support a professional, caring relationship.
Prerequisites: *BI 211 and CH 110.*
Co-requisite: *NS 125.*

NS 128 Population Health I

One semester hour
The student will be introduced to the broad concepts of public health practice including its historic development, principles and core functions, the role of health policy and collaborative teamwork of public health agencies. Theoretical and practical perspectives illustrating the determinants of health will be explored at the local, state and national level. This course is designed as the first of four level courses in exploration of population health.
Prerequisites: *BI 211 and CH 110.*
Co-requisite: *First level nursing courses.*

NS 201 Introduction to the Care of the Oncology Patient

Two semester hours
This course introduces students to oncology and the client-centered care of patients with cancer. An emphasis will be placed on evidence-based symptom management and the interdisciplinary role of the healthcare team in the care of cancer patients with solid organ and hematological cancers. This is an elective course for a student considering an oncology specialty.
Prerequisites: *NS125/126 and NS233/234.*

NS 233 Assessment and Care of the Adult with Abnormal Findings: Theory

Two semester hours
The student relate to the basic techniques of assessment to abnormal disease findings in the adult client. The student will explain principles pathophysiology and pharmacology in relation to acute and chronic health problems. Students will describe the concept of client-centered care with a focus on quality improvement and safety while utilizing professionalism.
Prerequisites: *BI 211, BI 213, BI 210, CH 110 and all 100-level nursing courses.*
Co-requisite: *NS 234, NS 235.*

NS 234 Assessment and Care of the Adult with Abnormal Findings: Clinical

Two semester hours
The student will apply assessment techniques with identification of abnormal findings as they relate to disease processes in the adult client. The student will demonstrate the professional caring nurse role with an emphasis on safety and client-centered care. Students will utilize the nursing process and technology to support teamwork and collaboration in clinical decision making.
Prerequisites: *BI 211, BI 213, BI 210, CH 110 and all 100-level nursing courses.*
Co-requisite: *NS 233.*

NS 235 Pharmacology I

Two semester hours
The student will apply the basic concepts of anatomy, physiology and chemistry in the administration of pharmacologic agents. The student will recognize standard practices and technologies related to medication safety to minimize the risk of harm and maximize the benefit to the client. Students will be able to accurately calculate drug dosages and interpret data to monitor the outcomes of pharmacologic interventions.
Prerequisites: *BI 211, CH 110 and MA 101 and all 100 level nursing courses.*
Co-requisite: *NS 233, NS 234, BI 227.*

NS 254 Managing the Nursing Care of the Adult: Theory

Four semester hours
The student will build upon previous knowledge of pathophysiology, pharmacology and assessment skills in the provision of safe, holistic care of the adult client with acute and chronic illnesses. Emphasis will be placed on the use of informatics, teamwork and collaboration as well as evidence-based practice related to quality health outcomes.
Prerequisites: *All 100-level nursing courses. NS 233, NS 234, NS 235 and BI 227.*
Co-requisite: *NS 255, NS 256.*

NS 255 Managing the Nursing Care of the Adult: Clinical

Four semester hours
The student will apply previous knowledge of pathophysiology, pharmacology and assessment skills in the delivery of safe, holistic care of the adult client with acute and chronic illnesses. In the professional nurse role, the student will demonstrate the use of informatics, teamwork and collaboration as well as evidence-based practice related to quality health outcomes.
Prerequisites: *All 100-level nursing courses. NS 233, NS 234, NS 235 and BI 227.*
Co-requisite: *NS 254, NS 256.*

NS 256 Pharmacology II

Two semester hours
The student will explain the basic concepts of anatomy, physiology and chemistry while building on the pharmacologic principles from Pharmacology I in the administration of pharmacologic agents. The student will recognize standardized practices and technologies related to medication safety to minimize the risk of harm and maximize the benefit to the client. Students will be able to accurately calculate drug dosages and interpret data to monitor the outcomes of pharmacologic interventions.
Prerequisites: *BI 211, BI 213, BI 210, CH 110, NS 235 and all 100-level nursing courses.*
Co-requisite: *NS 254, NS 255.*

NS 257 Population Health II

One semester hour
The student will utilize knowledge of community-based nursing and public health policy as it relates to care of the client. The student will distinguish the role of social, behavioral and environmental determinants on the health status of individuals and groups with diverse populations and environments. The student will determine factors which create a culture of safety and explore ethical and legal implications for client-centered care. This course is designed as the second of four level courses in exploration of population health.
Prerequisites: *All 100-level nursing courses.*

NS 340 Behavioral Health Continuum of Care: Theory

Three semester hours
The student will build upon previous knowledge of pharmacology, assessment and therapeutic communication skills. Theories and concepts related to acute, chronic illnesses and behaviors along the mental health continuum are introduced. Emphasis is placed on safe, evidence-based, caring and collaborative care, impacting the individual, families and groups.
Prerequisites: *All 100- and 200-level nursing courses. PY 101.*
Co-requisite: *NS 341.*

NS 341 Behavioral Health Continuum of Care: Clinical

Three semester hours
The student will apply theories and concepts related to caring, holistic, behavioral health of individuals, families and groups across the lifespan in a variety of settings. Students will collaborate with agency and community partners to enhance safe, evidence-based quality care.
Prerequisites: *All 100- and 200-level nursing courses. PY 101.*
Co-requisite: *NS 340.*

NS 342 Nursing Care of Women and Child-Bearing Families: Theory

Three semester hours
The student will be introduced to health promotion and family-centered nursing care for women and the childbearing family. Students will build upon previous knowledge to provide safe and evidence-based, interdisciplinary care of women and childbearing families.
Prerequisites: *All 100- and 200-level nursing courses. NS 340, NS 341 and PY 200.*
Co-requisite: *NS 343.*

NS 343 Nursing Care of Women and Child-Bearing Families: Clinical

Two semester hours
Students will apply the nursing process and theoretical concepts related to safe, evidence-based, interdisciplinary care of women and childbearing families in a variety of settings.
Prerequisites: *All 100- and 200-level nursing courses. NS 340, NS 341 and PY 200.*
Co-requisite: *NS 342.*

NS 344 Family-Centered Nursing Care of Children: Theory

Three semester hours
The student will be introduced to family-centered nursing care of children, including the normal progression of child growth and development, anticipatory guidance for parents, and acute and chronic health problems in the pediatric population. An emphasis will be placed on quality, safety and evidence-based practice in the provision of professional nursing care.

Prerequisites: *All 100- and 200-level nursing courses. NS 340, NS 341 and PY 200.*
Co-requisite: *NS 345.*

NS 345 Family-Centered Nursing Care of Children: Clinical

Two semester hours
The student will employ evidence-based principles of family-centered nursing care of the well child and children with acute and chronic health problems. The student will participate in teamwork and collaboration to promote shared decision making for safe delivery of health care.
Prerequisites: *All 100- and 200-level nursing courses. NS 340, NS 341 and PY 200.*
Co-requisite: *NS 344.*

NS 346 Evidence-Based Inquiry in Health Care

Two semester hours
The student will learn how to ask clinical questions in PICOT format and to search common databases. The student develops the skill of critical appraisal of published research. Emphasis will be placed on how practice can be changed by the use of evidence-based guidelines and quality improvement processes.
Prerequisites: *All 100- and 200-level nursing courses. BI 227, ST 310.*

NS 347 Population Health III

One semester hour
The student will identify health disparities affecting the health of populations that influence the nursing plan of care. The student will examine the significance of public health program planning in addressing global health issues. The student will analyze quality improvement factors that support safety, quality care and the use of informatics. This course is designed as the third of four level courses in exploration of population health.
Prerequisite: *All 100- and 200-level nursing courses.*

NS 348 Population Health for the RN to BSN/MSN

Two semester hours
The student will be introduced to the broad concepts of public health practice including its historic development, principles, core functions, the role of policy and collaborative teamwork of public health agencies. Theoretical and practical perspectives illustrating the determinants of health will be explored at the local, state and national level. The student will exam the significance of public health program planning in addressing global health issues and analyze quality improvement factors which support the use of informatics, safety and quality care.
Prerequisite: *Current unencumbered RN license.*

NS 349 Pathways for Success

One semester hour
The student will be provided a pathway for the transition to BSN and MSN programs at Clarkson College. Students will learn how to effectively write scholarly papers, both in terms of format and APA style. This course serves as an orientation to the various departments and services at the College and its online course delivery platform.
Prerequisite: *Current unencumbered LPN or RN license.*
Graded: *Pass/No Pass.*

NS 355 Concepts of Professional Practice for the LPN to BSN

Three semester hours
Students will explore professional nursing concepts specific to the transition from the LPN role to the baccalaureate-prepared nurse and quality along with safety education for nurses. Specific emphasis will be placed on nursing theory and the concepts of evidence based practice, quality improvement, caring, teamwork, collaboration and client-centered care.
Prerequisite: *Current unencumbered LPN license.*

NS 356 Concepts of Professional Practice for the RN to BSN/MSN

Three semester hours
Students will explore professional nursing concepts specific to the baccalaureate-prepared nurse and quality and safety education for nurses. Specific emphasis will be placed on nursing theory and the concepts of evidence based practice, quality improvement, caring, teamwork, collaboration and client-centered care.
Prerequisite: *Current unencumbered RN license.*

NS 357 Physical Assessment

Three semester hours
The student will validate areas of assessment expertise and further develop clinical assessment and critical thinking skills. Specific emphasis is placed on evidence-based assessment techniques for each of the body systems, critical thinking skills, safety and client-centered care practices.
Prerequisite: *Current unencumbered LPN or RN license.*

NS 430 Professional Nurse Caring with Families: Theory

Two semester hours
(Two hours of theory per week) Students are introduced to the concept of family-focused nursing care throughout the lifespan. Students develop a theoretical base in models of family health promotion, process and role structure, family development, sociocultural assessment, communication patterns, coping processes and cultural diversity among families. Family diagnosis and interventions are emphasized. Issues related to health care for people of all ages in home, school, occupational and community settings are explored. The home care system, role of the home care nurse and case management are examined in the managed care environment.
Prerequisites: *All 100- 200- and 300-level nursing courses.*
Co-requisite: *NS 431.*

NS 431 Professional Nurse Caring with Families: Clinical Application

Two semester hours
(90 hours of clinical per semester) This course focuses on the role of the home care nurse in applying the theories of family-focused care throughout the lifespan. Students will experience the clinical roles related to family health promotion and chronic disease management in the home setting. Case management and analysis of the models in home care systems will be explored.
Prerequisites: *All 100- 200- and 300-level nursing courses.*
Co-requisite: *NS 430.*

NS 450 Professional Nurse Caring in Public Health: Theory

Two semester hours
(Two hours of theory per week) Students are introduced to the concepts of public health science aimed at promoting, preserving and protecting the health of populations as a whole. Students develop a theoretical base in community health diagnosis, epidemiology, bio-statistics, communicable and non-communicable disease control, environmental health, social and behavioral health determinants, group process, health education,

public health program planning and evaluation, ethics and public health policy. Students will examine the use of politics, legislation and professional organizations as appropriate public health nursing interventions aimed at resolving the special health needs of population aggregates.
Prerequisites: *All 100- 200- and 300-level nursing courses. NS 430, NS 431, NS 440, NS 441.*
Co-requisite: *NS 451.*

NS 451 Professional Nurse Caring in Public Health: Clinical Application

Two semester hours
(90 hours of clinical per semester) This course focuses on the nurses' role in disease prevention and health promotion related to population aggregates and the community as a whole. Students will experience clinical roles related to public health nursing, epidemiology, environmental health, community organizations, legislative activity in the American Nurses Association, utilization of community resources, community health care policy, program planning and evaluation.
Prerequisites: *All 100- 200- and 300-level nursing courses, NS 430, NS 431, NS 440, NS 441.*
Co-requisite: *NS 450.*

NS 464 Professional Nurse Leadership and Management: Theory

Three semester hours
(Three hours of theory per week) Professional nurse leadership and management theories will be explored. Leadership styles and their impact on health care delivery will be examined. The various functions of management will be reviewed. In the role of manager/leader, the student will devise strategies that plan, direct, delegate, evaluate and implement. The focus is on scholarly activities to emphasize increased understanding of the influence of professional nurse caring behaviors within an organizational structure. The promotion of evidence-based practice using interpersonal and therapeutic communication skills will enhance the articulation of global health care issues.
Prerequisites: *All 100- and 200 level nursing courses.*

NS 466 Professional Nurse Leadership Management: Clinical Application

Four semester hours
(180 clinical hours per semester) In this clinical course, the RN to BSN student applies management and leadership theories in actual health care situations, enacting the nurse manager/leader role using different managerial and leadership strategies to experience the advantages and disadvantages of each.
Prerequisite: *Advanced placement RN students only.*

NS 467 Transition into Practice

One semester hour
The student will prepare for the transition to the professional nurse role utilizing the concepts of quality, safety and collaboration. Professional nurse caring behaviors are analyzed in the delivery of holistic care while utilizing evidence-based practice and informatics.
Prerequisites: *All 100- 200- and 300-level nursing courses and NS 468, NS 469, NS 476, NS 477.*
Co-requisites: *NS 470, NS 472, NS 473 and NS 474.*

NS 468 Concepts of Complex Multisystem Clients I: Theory

Four semester hours
The student will integrate previous knowledge and client-centered experiences while learning concepts of care for adults with complex multisystem disorders. The student will incorporate evidence-based practice and informatics to foster organized, safe client-centered care. This course is designed as the first part of a two

semester exploration of complex multisystem disorders.
Prerequisites: *All 100- 200- and 300-level nursing courses and BI 227 and ST 310.*

NS 469 Concepts of Complex Multisystem Clients I: Clinical

Four semester hours
The student will collaborate with the interdisciplinary team, incorporating evidence-based practice and informatics to deliver safe, quality care for the client with multisystem health disorders and their families across a variety of health care settings. In the professional nurse role, the student will analyze the use of informatics, teamwork and collaboration in relationship to quality health outcomes.
Prerequisites: *All 100- 200- and 300-level nursing courses.*
Co-requisite: *NS 468.*

NS 470 Concepts of Complex Multisystem Clients II: Theory

Three semester hours
The student will integrate previous knowledge and client-centered experiences while learning advanced concepts of care for adults with complex multisystem disorders. The student will analyze evidence-based practice and the use of informatics in the management of safe, quality, client-centered care. This course is designed as the second part of a two semester exploration of complex multisystem disorders.
Prerequisites: *All 100- 200- and 300-level nursing courses and NS 468, NS 469, NS 476, NS 477.*
Co-requisites: *NS 467, NS 472, NS 473 and NS 474.*

NS 471 Principles of Leadership and Management: Clinical for the RN to BSN/MSN

Two semester hours
The student will apply leadership and management theories and concepts in diverse interdisciplinary health care environments. An emphasis will be placed on quality improvement, teamwork and collaboration and use of informatics in the leadership role.
Pre-requisites: *NS 346, NS 348, NS 478 and NS 479*
Co-requisite: *NS 472*

NS 472 Principles of Leadership and Management

Three semester hours
The student will analyze theories and concepts of current nursing leadership and management in diverse interdisciplinary health care environments. The student will select quality improvement processes to evaluate effectiveness of health care systems in meeting health needs of individuals, families and diverse populations.
Prerequisites: *All 100- 200- and 300-level nursing courses and NS 468, NS 469, NS 476, NS 477.*
Co-requisites: *NS 467, NS 472, NS 473 and NS 474.*

NS 473 Preceptorship: Clinical

Four semester hours
The student will promote a caring, holistic approach while providing safe, client-centered care based on effective clinical decision-making within the interdisciplinary team. This course will provide opportunities to analyze professional nurse leadership roles and management concepts at the systems level while building on previous knowledge, skills and attitudes. The student will employ evidence-based practice and health care literacy to facilitate quality improvement processes for optimal health care.
Prerequisites: *All 100- 200- and 300-level nursing courses and NS 468, NS 469, NS 476, NS 477.*
Co-requisites: *NS 467, NS 470, NS 472 and NS 474.*

NS 474 Pharmacology III

One semester hour
The student will review Pharmacology I and Pharmacology II courses to be able to provide safe, effective care related to medication administration.
Prerequisites: *All 100- 200- and 300-level nursing courses and NS 468, NS 469, NS 476, NS 477.*
Co-requisites: *NS 467, NS 470, NS 472 and NS 473.*

NS 475 Principles of Leadership and Management for the RN to BSN/MSN

Three semester hours
The RN to BSN/MSN student will analyze theories and concepts of current nursing leadership and management in diverse interdisciplinary health care environments. The student will select quality improvement processes to evaluate effectiveness of health care systems in meeting health needs of individual, families and diverse populations.
Prerequisites: *NS349, NS356 and NS357*

NS 476 Population Health IV: Theory

Two semester hours
The student will synthesize knowledge to address population health-related behaviors to promote health and foster health prevention and health maintenance. A community-based health-related program will be designed, planned, implemented and evaluated. The student will analyze the role of the nurse in teamwork, leadership and collaboration while assessing quality improvement measures that support evidence-based practice. This course is designed as the fourth of four level courses in exploration of population health.
Prerequisites: *All 100- 200- and 300-level nursing courses.*
Co-requisites: *NS 468, NS 469 and NS 477.*

NS 477 Population Health IV: Clinical

Two semester hours
The student will apply client-centered care to individuals, groups and families within a diverse population. The student will value the need for continuous improvements that support evidence-based practice, integration of teamwork and collaboration, and the promotion of safe outcomes. The student will function efficiently in demonstrating the role of the nurse in teamwork, leadership and collaboration. The student will demonstrate the knowledge, skills and attitudes necessary to provide safe, quality-centered patient care with a focus on evidence-based practice with the integration of community based theories and public health policy.
Prerequisites: *All 100- 200- and 300-level nursing courses.*
Co-requisites: *NS 468, NS 469 and NS 476.*

NS 478 Advanced Population Health: Theory

Two semester hours
The student will synthesize knowledge to address population health-related behaviors to promote health and foster health prevention and health maintenance. A community-based health-related program will be designed using current research based interventions. The program will be implemented and evaluated with regards to effectiveness. The student will analyze the role of the nurse in teamwork, leadership and collaboration while assessing quality improvement measures.
Prerequisite: *NS 348.*
Co-requisite: *NS 479.*

NS 479 Advanced Population Health: Clinical

Two semester hours
The student will apply client-centered care to individuals, groups and families within a diverse population. The student will value the need for continuous improvement in clinical, which is supported by current research, integrated teamwork, collaboration and promoting safe outcomes. The student will function efficiently in demonstrating the role of the nurse in teamwork, leadership and collaboration. The student will demonstrate the knowledge, skills and attitudes necessary to provide safe, quality-centered patient care with a focus on evidence-based practice with the integration of community-based theories and public health policy.
Prerequisite: *NS 348.*
Co-requisite: *NS 478.*

NS 480 Capstone for the RN to BSN

Three semester hours
This capstone course will provide the student opportunities to analyze current research and apply the findings to facilitate quality improvement processes in a selected health care environment.
Prerequisites: *NS 478 and NS 479.*

NS 481 Population Health for the RN to BSN/MSN

Three semester hours
The student will synthesize concepts of public health practice including its historic development. The student will synthesize knowledge to address population health-related behaviors to promote health and foster health prevention and health maintenance. The student will examine the significance of public health program planning in addressing global health issues and analyze quality improvement factors, which support the use of informatics, safety, quality care, and teamwork and collaboration.
Prerequisite: *Current, unencumbered RN license.*
Co-requisite: *NS 482.*

NS 482 Capstone/Practicum for the RN to BSN/MSN

Four semester hours
This capstone/practicum course will provide the student the opportunity to complete practicum hours in a population health environment. The student will review and analyze current research and apply the findings to a final project.
Prerequisites: *Current, unencumbered RN license.*
Co-requisite: *NS 481.*

NS 499 Independent Study

One to six credit hours
(By arrangement; one to six hours per week) Study directed by a faculty person on a topic of the student's interest and the faculty's expertise. Approval of program director required.

Optional Health Care Science Update Courses

Three Health Care Science Update courses exist as an option for RN to BSN or RN to MSN students who have not obtained college credit in Anatomy, Physiology, Microbiology, General Chemistry, Pathophysiology and/or Pharmacology.

HC 200 Health Care Science Update I

Three semester hours
This course builds upon the RNs basic knowledge in Anatomy and Physiology. Successful completion of Health Care Science Update I will provide the student with three semester hours of earned coursework and five semester hours of validation coursework.
Prerequisite: *Admission into the RN to BSN or RN to MSN Program.*

HC 205 Health Care Science Update II

Three semester hours
This course builds upon the RNs basic knowledge in pathophysiology and pharmacology. Successful completion of Health Care Science Update II will provide the student with three semester hours of earned coursework and three semester hours of validation coursework.
Prerequisite: *Admission into the RN to BSN or RN to MSN Program.*

HC 210 Health Care Science Update III

Three semester hours
This course provides a review of the basic principles of microbiology and biochemistry. The student's basic biochemistry knowledge will be expanded to include: stereochemistry, biomolecular chemistry, enzymology, PH influences, bioenergetics, metabolism, biosynthesis, amino and nucleic acids, lipids, proteins, genetic coding and pathways in cellular metabolism. The student's basic microbiology knowledge will be expanded to include: the structure, function and characteristics of bacteria, viruses, fungus and protozoa.

HC 220 Gerontology

Two semester hours
This course is an introduction to the field of human aging. The course of study will include a multidisciplinary examination of the way in which human aging is viewed, how we perceive the process of growing older and how society responds to the issues and problems of aging. The class will look at aging from the perspective of the social and political sciences, biological sciences, arts and humanities, care-giving and independent living, especially with the advent of the baby boomers in mind.

Diploma in Practical Nursing Course Descriptions

BI 222 Basic Anatomy & Physiology

Four semester hours
(Three credit hours class; one credit hour lab) Basic Anatomy & Physiology is designed to learn important concepts about human anatomy and physiology in preparation for their degree course work. This course is an essential foundation. There are no prerequisites for the course.

NUR 100 Drug Calculations

One semester hour
This course provides the student with the knowledge and skills for accurate medication. An in-depth review of basic math is provided. The student will learn systems of measurement, conversion within and between systems and dosage calculations. The concepts of caring, client-centered care, teamwork and collaboration, professionalism, evidence-based practice and quality improvement are discussed in relation to the practical nurses role in medication administration.
Prerequisite: *NUR 101.*
Co-requisite: *NUR 110 and BI 122.*

NUR 101 Introduction to Practical Nursing

Two semester hours
This course presents introductory concepts for the practical nurse. The course emphasizes the accountability and responsibility of practical nurse caring consistent with the code of ethics. The concepts of caring, client-centered care, teamwork and collaboration, evidence-based nursing practice, quality improvement, safety, informatics and professionalism are introduced.
Co-requisite: *BI 222.*

NUR 110 Practical Nurse Caring with Adults I

Six semester hours
This course expands on the concepts of caring, client-centered care, teamwork and collaboration, evidence-based nursing practice, quality improvement, safety, informatics and professionalism. As a member of the health care team, the student applies the nursing process to care for the adult/geriatric client utilizing basic practical nursing skills within a nurse caring framework. The basic principles of pharmacology are introduced as the student learns the role of practical nurse in administering medications to the adult/geriatric client.
Prerequisites: *NUR 101 and BI 222.*
Co-requisites: *NUR 100 and BI 122.*

NUR 130 Practical Nurse Caring with Adults II

Nine semester hours
(Four credit hours class; one credit hour skills lab; four credit hours clinical lab) This course presents concepts related to the practical nurse caring for adults across the lifespan with acute and chronic medical conditions. The concepts of caring, client-centered care, teamwork and collaboration, evidence-based nursing practice, quality improvement, safety, informatics and professionalism are expanded. This course builds upon the student's knowledge of basic nursing skills and normal anatomy and physiology. Pathophysiology of disease conditions is introduced. The principles of pharmacology, gerontology and mental health are integrated through the course.
Prerequisites: *NUR 110, NUR 100*

NUR 135 Practical Nurse Caring for Women and Children

Six semester hours
This course presents concepts of family-centered health care of women and children. The course addresses the care of women from child-bearing age through menopause and children from conception through adolescence. The student gains knowledge and skills in caring for women and children in a variety of settings incorporating safety, teamwork, informatics and professionalism. The student will assist the licensed professional by collection reporting and recording data utilizing the nursing process in providing client-centered care. The basic principles of pharmacology, drug administration, pathophysiology, and growth and development are integrated throughout this course.
Prerequisites:*, NUR 130,.*
Co-requisite: *PY 200.*

NUR 142 Practical Nurse Caring with Adults III

Four semester hours
(Two credit hours class; two credit hours clinical lab) This course presents concepts of caring, client-centered care, teamwork and collaboration and safety for the practical nurse caring for adults with acute and chronic health problems and uncomplicated surgical procedures. Pathophysiology, pharmacology, nutrition, mental health and gerontology concepts are integrated throughout the course. Critical thinking and therapeutic

nursing interventions are emphasized, utilizing best current evidence in the planning of care for adults in the acute, sub-acute and/or extended care setting. Behaviors that support a professional caring relationship is explored.
Prerequisites: *NUR 135, and PY 200.*

NUR 161 Practical Nurse Caring with Adults IV

Six semester hours
(Three credit hours class; three credit hours clinical lab) This course expands on the nursing concepts of quality and safety with a caring and holistic approach. This course presents concepts relevant to acute/chronic multisystem disorders for patients in a variety of settings. Basic principles of leadership/management and the role of the LPN are introduced. As a member of the interdisciplinary team, the student coordinates and manages the care of clients in a variety of health care settings utilizing informatics and an evidence-based approach to promote quality patient outcomes.
Prerequisites: *NUR 142*

Associate of Science in Physical Therapist Assistant

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Mission

The Physical Therapist Assistant (PTA) program at Clarkson College utilizes high quality, well-integrated, contemporary curricula to prepare students to deliver professional, ethical, competent and compassionate health care.

Program Description

The PTA program at Clarkson College is designed to give students a diverse educational experience rich in both basic and applied sciences. Students of the program are prepared to work under the supervision of a licensed physical therapist and are expected to demonstrate clinical competence, good ethical judgment and compassion in the treatment of patients. The PTA program provides an optimal learning environment for preparing students to deliver quality health care in a variety of clinical settings. The program offers a broad educational experience that enables students to apply theoretical learning to clinical practice. Students develop the necessary clinical problem solving and professional skills needed to becoming an integral member of the health care team. Graduates are expected to adhere to all professional and ethical standards set forth by the American Physical Therapy Association (APTA). The program prepares students to help people improve their quality of life, which is consistent with the College mission.

Philosophy

Physical Therapy (PT) is a healing profession. It focuses on the restoration of musculoskeletal and neuromuscular function, the promotion of physical wellness and a commitment to service to others. PTAs are individuals who play an integral role as part of the patient care team by assisting the physical therapist in patient care. Involvement with patient care in PT requires an educated individual who possesses a basic insight to human nature and who places a strong moral value on human life. PTAs are influential professionals who advance the field of PT as clinic administrators, faculty members, clinical instructors, clinicians and by participating in professional organizations at the state and national levels. They are educationally and

technically trained health care professionals concerned with improving the well-being of all humankind and empowered to make a positive difference.

Program Outcomes

Graduates of the PTA program will:

- Work within the legal guidelines and professional standards for the physical therapist assistant in the delivery of quality health care under the supervision of a licensed physical therapist.
- Implement treatment plans and PT interventions under the supervision of a physical therapist.
- Show sensitivity to cultural, ethnic, gender and lifestyle differences.
- Possess the ability to effectively translate theory into practice in order to meet the demands of a dynamic health care system.
- Contribute to the advancement of the profession by participating in research, teaching, the APTA, and/or serving on committees or within organizations concerned with health care policy and planning.
- Exhibit good moral and ethical judgment in health care practice and uphold confidentiality of all persons at all times.

PTA in the Profession

PTAs are an integral part of the health care team and provide skilled services to individuals across the lifespan. PTAs work in a variety of settings, including hospitals, outpatient clinics, nursing homes, neurological rehabilitation facilities, educational settings and wellness facilities. Under the direction of a Physical Therapist, PTAs implement numerous interventions, including exercise prescription, therapeutic modalities and mobility training. Whether the patient's goal is to resume function after an illness or injury or to improve their physical fitness, PTAs have the skills to help people achieve functional independence and improve quality of life.

Admissions Policies

Students must meet the criteria for entrance into the College prior to application into either the Traditional or Transfer PTA program options. For information about entrance requirements, refer to the Admissions section. Because class sizes are limited, additional criteria are used to determine admission into the PTA program. Complete details regarding the policies and procedures about admission are available from the Admissions office, the Director of the Physical Therapist Assistant program or on the website in the Admissions section.

Physcial Therapist Assistant - Traditional Option

Introduction

The Physical Therapist Assistant (PTA) Traditional 24-month program option requirements are listed below. Admission criteria can be found as stated in the "Admissions Policies" section above.

Curriculum Requirements

In order to complete an Associate of Science degree in PTA degree at Clarkson College, students must successfully complete a total of 74 semester hours. Students are required to attend year-round, with all PTA courses completed in the sequence, as shown in the sample curriculum. The semester hours must be distributed as follows:

- **Clarkson College Core Courses = 9 semester hours**
- **General Education = 18 semester hours** (eight semester hours of the General Education hours includes the support courses of Anatomy and Physiology)
- **PTA Major Courses = 47 semester hours**

Program requires Health and Safety – View Health and Safety Information

Core Courses – Nine semester hours

Core curriculum courses must be taken at Clarkson College. Core courses are marked with an asterisk (*) after the course name.

Curriculum Plan

The following curriculum plan for an Associate of Science in Physical Therapist Assistant degree has been provided to guide students in preparing a degree plan. Students should seek the advice of a PTA advisor to customize a degree. All semester hours of PTA major courses must be completed at Clarkson College. In addition, once a student enrolls at Clarkson College all general education coursework must be completed at the College.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

PTA Required Courses Traditional Program (24-month option)

The following curriculum plan for an Associate of Science in Physical Therapist Assistant degree has been provided. Below is the lock-step outline of the program's curriculum to guide students.

View course descriptions

First Year

Fall Semester		**Semester Hours**
BI 211	Anatomy	4
EN 101	English Composition I	3
PTA 106	Introduction to Physical Therapy	2
PTA 107	Documentation for the Physical Therapist Assistant	2
GEN 105	Medical Terminology	1
PTA 105	Functional Anatomy for the Physical Therapist Assistant	3
		Total 15

Spring Semester		**Semester Hours**
BI 213	Physiology	4
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
PTA 110	Basic Skills in Physical Therapy	3
PTA 115	Therapeutic Exercise I	3
PY 101	Introduction to Psychology	3
		Total 16

Summer Semester (eight-week term)		**Semester Hours**
PTA 120	Therapeutic Modalities I	3
PTA 125	Clinical Practicum I	1
HC 204	Core II: A Cultural History in the World of Health Care	3
		Total 7

Second Year

Fall Semester		**Semester Hours**
MA 120	College Algebra	3
PTA 205	Pathophysiology	3
PTA 210	Therapeutic Modalities II	3
PTA 215	Therapeutic Exercise II	3
		Total 12

Spring Semester		**Semester Hours**
HC 304	Core III: Ethical and Cultural Frontiers in Health Care	3
PTA 212 ◊	Professional Issues Seminar	1
PTA 220	Clinical Practicum II	3
PTA 230	Advanced Procedures	3
PTA 235	Therapeutic Exercise III	3
		Total 13

Summer Semester		**Semester Hours**
PTA 240	Clinical Practicum III	5
PTA 245	Clinical Practicum IV	6
		Total 11

Total Semester Hours in Program 74

Transfer Option

Introduction

The PTA Transfer (four semesters) option program requires all of the same PTA coursework as the traditional option program. The exception is the total number of PTA courses a student is able to take per semester based on previous college coursework completion.

Progression Criteria

1. Entry into the PTA four-semester option is permitted during the fall semester only.
2. The student must complete the course of study as outlined.
3. If a student does not complete a PTA course as scheduled, the student must wait and take the PTA course when it is offered again in the option sequence or transfer to the traditional PTA curriculum sequence, if allowed.
4. Students applying for this program should possesses an associate degree or higher level degree from a regionally accredited institution of higher education; or have earned 35 or more credit hours at an accredited institution with a transfer grade of a "C" or higher. Of those credits, 18 credit hours must be within the general courses listed below.

Curriculum Requirements

In order to complete an associate of science in physical therapist assistant (PTA) degree at Clarkson College, students must successfully complete a total of 74 semester hours. Students are required to attend four semesters, with all PTA
courses completed in the sequence shown in the sample curriculum. Total hours must be distributed as follows:

- **Clarkson College Core Courses = 9 semester hours**
- **General Education = 18 semester hours** (Pre-requisites listed below, must be completed prior to enrollment.) Recommended elective courses include: Abnormal Psychology, Human Biology, Human Development and Nutrition, Advanced Anatomy, or Spanish for the Health Care Professional.
- **PTA Major Courses = 47 semester hours**

Program requires Health and Safety – View Health and Safety Information

Core Courses: nine semester hours

Core Curriculum Courses may be taken anytime during this program or prior to entering the PTA four-semester program option. These courses must be taken at Clarkson College.

Course		Semester Hours
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Culture History in the World of Health Care	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
		Total 9

Required General Education/Support Courses

The following courses must be completed prior to entry into the PTA Transfer option:

	Semester Hours
Medical Terminology	1
College Algebra	3
English Composition I	3
Introduction to Psychology	3
Anatomy (plus lab) *(must be current within last five years)*	4
Physiology (plus lab) *(must be current within last five years)*	4
Electives (minimum)	17
	Total 35

Note: Students that do not possess an associate's degree or higher level degree must also complete an additional 17 credit hours of general elective courses for a total of 35 transferable credits to be considered as a possible applicant.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

PTA Required Courses (16-month option)

The following curriculum plan for an Associate of Science in PTA degree has been provided. Below is the lock-step outline of the program's curriculum to guide students.

View course descriptions

First Year

Fall Semester		**Semester Hours**
PTA 106	Introduction to Physical Therapy	2
PTA 107	Documentation for the PTA	2
PTA 105	Functional Anatomy for the PTA	3
PTA 110	Basic Skill in Physical Therapy	3
PTA 115	Therapeutic Exercise I	3
		Total 13

Spring Semester		**Semester Hours**
PTA 120	Therapeutic Modalities I (eight weeks)	3

Spring Semester		Semester Hours
PTA 125	Clinical Practicum I (eight weeks)	1
PTA 205	Pathophysiology (eight weeks)	3
PTA 210	Therapeutic Modalities II (15 weeks)	3
PTA 215	Therapeutic Exercise II (15 weeks)	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care (15 weeks)	3
		Total 16

Summer Semester		Semester Hours
PTA 212 ◊	Professional Issues Seminar	1
PTA 220	Clinical Practicum II (three weeks)	3
PTA 230	Advanced Procedures	3
PTA 235	Therapeutic Exercise III	3
HC 204	Core II: A Culture History in the World of Health Care	3
		Total 13

Second Year

Fall Semester		Semester Hours
PTA 240	Clinical Practicum III	5
PTA 245	Clinical Practicum IV	6
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
		Total 14

Physical Therapist Assistant Skills Lab

The PTA Skills Lab provides students with an opportunity to practice a variety of clinically related, patient intervention techniques. Students have access to an assortment of therapeutic equipment reflective of the current practice of physical therapy. Lab time is scheduled as part of the curriculum and reserved lab hours can be established to allow students **to complete** required coursework and additional practice.

Physical Therapist Assistant Course Descriptions

PTA 106 Introduction to Physical Therapy

Two semester hours
(Two hours theory per week) This course is designed to provide an introduction to the profession and practice of physical therapy. This course also provides students with an introduction to program expectations and includes community and professional service activities outside of the classroom. Students will explore topics such as the history and development of the profession, the roles and characteristics of physical therapists and physical therapist assistants, the American Physical Therapy Association, laws, ethics, financing and communication in physical therapy, as well as an overview of practice in physical therapy relating to musculoskeletal, neuromuscular, cardiovascular and pulmonary, integumentary, pediatric and geriatric

conditions. Students will also be exposed to the basic APA style format for professional literature.
Prerequisite: *Admission into the PTA program.*

PTA 107 Documentation for the Physical Therapist Assistant

Two semester hour
(Two hours theory per week) This course presents students with information on current systems of medical documentation for patient care, as used in the profession of physical therapy, throughout multiple practice settings. Students will explore topics such as abbreviations and medical terminology commonly encountered in the profession of physical therapy; components of the S.O.A.P. note format; International Classification of Functioning, Disability and Health and Nagi disablement models; goal writing; legal and ethical issues in documentation; billing and coding for physical therapy services; and S.O.A.P. note documentation in electronic, written, typed and dictated formats.
Prerequisite: *Admission into the PTA program.*

PTA 105 Functional Anatomy for the Physical Therapist Assistant

Three semester hours
(Two hours of theory, three hours of laboratory per week) This course will introduce the student to the essentials of functional anatomy as related to the study of muscle origin, insertion, action and innervation. In addition, basic terminology and concepts of applied kinesiology will also be covered. Experiences will include student application of appropriate communication skills with hands-on application of palpation skills as well as how to obtain patient consent. Cadaver dissection surface anatomy review is also completed.
Prerequisite: Admission into the PTA program.

PTA 110 Basic Skills in Physical Therapy

Three semester hours
(Two hours theory, three hours of laboratory per week) This course provides an examination of the principles and practices of physical therapy with the development of an understanding and application of basic patient care procedures, such as transfers; wheelchair management; universal precautions and wound management; balance and gait; sensory assessment and PNF techniques; and vital signs assessments. These principles will involve patient and treatment set up in both the Simulation Lab and PTA lab settings, review of PTA responsibilities and incorporate beginning intervention techniques to the course-related topics.
Prerequisite: *BI 211.*

PTA 115 Therapeutic Exercise I

Three semester hours
(Two hours theory, three hours of laboratory per week) This course will provide students with the skill set necessary to complete all manual muscle testing and goniometry measurements for the spine, upper extremity and lower extremity. In addition, students will gain a basic understanding of the assessment of all muscular strength and range of motion function.
Prerequisite: *BI 211.*

PTA 120 Therapeutic Modalities I

Three semester hours
(Two hours theory, three hours of laboratory per week) This course provides students with in-depth knowledge of the physiological effects, indications, contraindications and applications of the following modalities that are used in multiple physical therapy settings: ultrasound, infrared, ultraviolet, diathermy, superficial heat and cold, therapeutic massage, intermittent compression and hydrotherapy. Basic

principles and clinical applications of such modalities will be presented.
Prerequisites: *PTA 110 and PTA 115.*

PTA 125 Clinical Practicum I

One semester hour
(A minimum of 40 hours of clinical per semester) This clinical will allow students the opportunity to observe and begin supervised clinical practice. Students will gain insight into the PT/PTA relationship and apply learned technical skills.
Prerequisites: *PTA 110 and PTA 115. The student will be responsible for all travel, lodging and living expenses for the duration of the clinical.*

PTA 205 Pathophysiology

Three semester hours
(Three hours of theory per week) This course is designed to provide an introduction to general pathology with an emphasis on the study of diseases and disorders most commonly seen in physical therapy practice. Diseases of the musculoskeletal, nervous and cardiopulmonary systems are emphasized with discussion on the PTA role and proper physical therapy intervention.
Prerequisites: *BI 211, BI 213, PTA 110 and PTA 115.*

PTA 210 Therapeutic Modalities II

Three semester hours
(Two hours theory, three hours of laboratory per week) This course provides students with an in-depth knowledge of the physiological effects, indications, contradictions and special precautions in regards to the application of electrotherapeutic modalities, including transcutaneous electrical nerve stimulation, neuromuscular electrical stimulation, interferential current, microcurrent, iontopohresis and biofeedback. In addition, mechanical and manual traction of both the pelvis and cervical anatomy will be included in this course.
Prerequisite: *PTA 110 and PTA 115.*

PTA 212 Professional Issues Seminar

One semester hour
(Two hours of theory per week) This course will focus on various professional issues related to the clinical practice of a physical therapist assistant. Included in this course are issues related to licensure/certification, professional liability and responsibilities, advocacy and service, patient and clinic management, professional leadership and employment skills. Students will create a service project and implement the project during this course.
Prerequisite: *PTA 125.*

PTA 215 Therapeutic Exercise II

Three semester hours
(Two hours theory, three hours of laboratory per week) This course is a continuation of the study of physical therapy skills including the anatomy and physiology of exercise and principles of exercise prescription. Included is the study and application of cardiovascular exercise, progressive resistive exercise, stretching and balance exercises. Both traditional and alternative approaches to exercise are presented. There is an emphasis on wellness programs, exercise progression and modification for pathological conditions and physical therapy appropriate for related disorders.

Prerequisite: *PTA 115.*

PTA 220 Clinical Practicum II

Three semester hours
(A minimum of 120 hours of clinical per semester) This clinical provides opportunities for establishing and following individual patient treatments and programs. PTA goals are realized from experience in providing treatments. In addition, insights are gained into medical, departmental and institutional functions and organization. Topics include reinforcement of techniques and skills, information concerning the care of the ill and disabled, a continuation of communications skills and discussion of the PTA role.
Prerequisites: *PTA 125, PTA 210 and PTA 215. The student will be responsible for travel, lodging and living expenses for the duration of that clinical.*

PTA 230 Advanced Procedures

Three semester hours
(Two hours theory and three hours of laboratory per week) This course assists the student in learning new and advanced rehabilitation techniques for patients with neurologically related diseases, such as spinal cord or brain injury, cerebrovascular accidents, as well as advanced rehabilitation techniques for cardiopulmonary conditions, industrial wellness and pediatric conditions. Included are also evidence-based practice activities and PT/PTA relationship activities with neighboring PT programs. Emphasis is placed on integration of skills learned over the course of the PTA program to form complete and thorough patient care experiences.
Prerequisites: *PTA 205, PTA 210 and PTA 215.*

PTA 235 Therapeutic Exercise III

Three semester hours
(Two hours theory, three hours of laboratory per week) This course expands on the theory and principles of physical therapy skills used to treat specific orthopedic disorders and other special populations, including sports physical therapy, amputation, prosthetics and orthotic use, wound and burn care, women's health, critical care and lymphedema. Emphasis is placed on integration of skills learned over the course of the PTA program to form complete and thorough patient care experiences.
Prerequisites: *PTA 205, PTA 210 and PTA 215.*

PTA 240 Clinical Practicum III

Five semester hours

(A minimum of 200 hours of clinical per semester) This clinical is a continuation of supervised practical experience in a physical therapy setting with added opportunities to apply and improve therapy skills. Students are expected to manage a larger patient load during this terminal clinical practice and complete assignments related to topics, including quality assurance issues, documentation systems and the APTA Code of Ethics and Standards of Practice.
Prerequisites: *PTA 220, PTA 230 and PTA 235. The student will be responsible for travel, lodging and living expenses for the duration of that clinical.*

PTA 245 Clinical Practicum IV

Six semester hours
(A minimum of 240 hours of clinical per semester) This clinical is designed to be a final step in the development of the physical therapist assistant student and demonstrate entry-level competence with skills with full patient caseload and additional responsibilities in a physical therapy setting. Students will be

expected to perform patient care skills as related to the profession of physical therapy in a competent and ethical manner. In addition, students will complete an in-service present a patient case study and relate how the PTA fits into an integrated health care environment.
Prerequisites: *PTA 240. The student will be responsible for travel, lodging and living expenses for the duration of that clinical.*

Associate of Science in Radiologic Technology

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Mission

The Radiologic Technology (RT) program at Clarkson College is designed to provide a high-quality, diverse educational experience rich in both professional and general coursework. Students of the program will be prepared to enter the RT profession and to demonstrate good ethical judgment and compassion in the delivery of patient care. The radiologic technology students are expected to adhere to all professional and ethical standards set forth by the American Society of Radiologic Technologists (ASRT).

The RT program meets its mission by providing an optimal environment for students learning the delivery of quality health care in a variety of clinical settings. The program offers a broad educational experience that enables students to apply theoretical learning to clinical practice. Students develop the necessary critical thinking and communication skills for becoming an integral member of the health care team. The program prepares students who are concerned with the improvement of the quality of life, which is consistent with the College Mission.

Program Goals

Upon completion of the Associate of Science degree in Radiologic Technology, graduates will:

- Have entry level radiography skills.
- Communicate effectively.
- Use critical thinking skills.
- Evaluate the importance of professional growth and development.

Students completing the Associate of Science degree in Radiologic Technology may choose to enter the Clarkson College dual RT/MI program leading to a Bachelor of Science degree in Medical Imaging.

Radiologic Technologist Professionals

Radiologic technologists (RTs) provide diagnostic services for patients using high-tech medical imaging equipment. Medical images produced by radiographers are then sent to physicians for diagnostic interpretation. RTs are employed by hospitals, imaging facilities, urgent care clinics, private physician offices and other health care facilities. There are also opportunities in industry, civil service, public health care services and international health care organizations. Opportunities abound in management and in education at the collegiate level for those appropriately prepared.

Graduates of the program will be able to sit for the national certification examination in radiography administered by the American Registry of Radiologic Technologists (ARRT). After successful completion of this examination, the individual will be a Certified Radiologic Technologist, R.T.(R). In addition, some states may require licensure to practice.

Admission Policies

Enrollment in the Associate of Science in Radiologic Technology degree program is limited. Admission policies and procedures are available from the Admissions office, the Director of Radiologic Technology or on the College website.

Course Polices for Attendance and Participation

Students are expected to attend all classes in which they are enrolled. Makeup is very difficult due to the amount of material covered in each class. Course faculty must be notified of the reason(s) before an absence/tardy occurs. Each unexcused absence (as determined by the course faculty) will lower the final course grade by one letter grade. The student MUST contact the faculty member prior to the start of class in order for the absence to be excused. Being tardy, leaving early or absent should be exceptional occurrences with good cause. Abuse of the attendance and participation policy will result in the following:

Three tardy occurrences = one unexcused absence = one drop in letter grade

Three excused absences = one unexcused absence = one drop in letter grade

Note: *Each individual class period missed will count as an occurrence. Only a doctor's note will supersede the attendance and participation course policy for a drop in letter grade. A tardy will be defined as arriving after the scheduled start time of the class/lab. Students will not be allowed to attend the class/lab if they have missed 10 minutes of a lab or 30 minutes of a lecture/theory course.*

Curriculum Requirements

In order to complete the associate of science in radiologic technology (RT) degree, students must successfully complete a total of 73 semester hours. Students are required to attend courses year round, with all RT courses completed in the sequence shown in the sample curriculum. Semester hours for the associate degree are distributed as follows:

- **Support and Core Courses = 24 semester hours** (The following courses compose the 24 hours: Anatomy, Physiology, English Composition I, Medical Terminology, College Algebra and nine semester hours of Core Curriculum. Core Curriculum must be taken at Clarkson College. Each of these courses needs to be completed with a "C-" or above.)
- **Major Courses = 49 semester hours** (At least 20 semester hours must be completed at Clarkson College with at least 10 semester hours of 200-level courses.)

Program requires Health and Safety – View Health and Safety Information

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for Radiologic Technology

The following Associate of Science in Radiologic Technology curriculum plan is provided to guide students in preparing their degree plan. Students should seek the advice of their advisor to customize their degree plan.

View course descriptions for Radiologic Technology Program or General Education

First Year

Fall Semester		**Semester Hours**
BI 211	Anatomy	4
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
MA 120	College Algebra	3
RT 101	Introduction to Radiologic Technology	2
GEN 105	Medical Terminology	1
RT 105 ◊	Patient Care	2
RT 105LB	Patient Care Lab	1
RT 260	Radiation Physics	2
		Total 18

Spring Semester		**Semester Hours**
BI 213	Physiology	4
EN 101	English Composition I	3
HC 204	Core II: A Cultural History of the Healing Arts	3
RT 110	Radiographic Procedures I	3
RT 110LB	Radiographic Procedures I Lab	1
RT 120	Radiographic Exposures I	3
RT 120LB	Radiographic Exposures I Lab	1
		Total 18

Summer Semester		**Semester Hours**
RT 125	Radiographic Exposures II	3
RT 125LB	Radiographic Exposures II Lab	1
RT 140	Radiographic Procedures II	3

Summer Semester		Semester Hours
RT 140LB	Radiographic Procedures II Lab	1
RT 270	Radiation Biology	2
		Total 10

Second Year

Fall Semester		Semester Hours
RT 245	Radiographic Procedures III	2
RT 250	Radiographic Pathology	2
RT 276	Pharmacology for Radiologic Technologists	2
RT 265	Clinical Experience I	4
		Total 10

Spring Semester		Semester Hours
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
RT 275	Clinical Experience II	8
		Total 11

Summer Semester		Semester Hours
RT 285	Clinical Experience III	6
		Total 6

Total Semester Hours in Program 73

Radiologic Technology Course Descriptions

RT 101 Introduction to Radiologic Technology

Two semester hours
(Two hours theory per week) This course is designed to provide the student with information regarding the radiologic technology profession. Cognitive information related to ethics, law, radiation protection and basic departmental procedures are presented to ensure safe clinical practice. Professional development and lifelong learning will be emphasized by introducing the students to various organizations and agencies.

RT 105 Patient Care and Lab

Two semester hours theory and one semester hour lab
(Two hours theory and one hour laboratory per week) This course presents the theoretical base for patient care skills and techniques unique to professional radiographers. Laboratory experiences will expand these theoretical foundations by incorporating psychomotor skills in a simulated and/or actual clinical setting. Student engagement will be emphasized using a required service experience.

RT 110 Radiographic Procedures I and Lab

Three semester hours theory and one semester hour lab
(Three hours theory and two hours laboratory per week) This course is the first part of a three-fold radiographic procedures course. Part I of this course is designed to provide the students with the necessary theory, concepts and psychomotor experiences needed to perform specific diagnostic procedures. Patient positioning, equipment manipulation, appropriate patient care techniques and critique of radiographic images are presented in this course. The body areas to be addressed in Part I include upper extremities, shoulder girdle, lower extremities, pelvis, chest, bony thorax, abdomen and spine.
Prerequisite: *BI 211 Anatomy.*
Co-requisite: *BI 211 Anatomy.*

RT 120 Radiographic Exposures I and Lab

Three semester hours theory and one semester hour lab
(Three hours theory and one hour laboratory per week) This two-fold course focuses on the theory, application and evaluation of the instrumentation and operation of radiographic equipment. Part I emphasizes the factors that produce and control radiographic images. Both film screen and digital technology will be covered.

RT 125 Radiographic Exposures II and Lab

Three semester hours theory and one semester hour lab
(Three hours theory and one hour laboratory per week) Part II is a continuation of RT 120 and emphasizes the various equipment and electronics involved in the production, use, control and evaluation of radiographic images. Darkroom processing and quality control will be explored.
Prerequisite: *RT 120.*

RT 140 Radiographic Procedures II and Lab

Three semester hours theory and one semester hour lab
(Three hours theory and two hours laboratory per week) This course is the second part of a three-fold radiographic procedures course. Part II continues with headwork and the student will also be introduced to contrast and/or fluoroscopic procedures that evaluate the biliary system, upper and lower gastrointestinal system and urinary system.
Prerequisite: *RT 110 and BI 213 Physiology.*
Co-requisite: *BI 213 Physiology.*

RT 245 Radiographic Procedures III

Two semester hours
This course is the third part of a three-fold radiographic procedures course. Part III provides the student with an understanding of the more advanced and complex diagnostic procedures associated with a diverse patient population, pediatrics, trauma and surgical exams that include the use of a portable x-ray unit and c-arm. Clinical preparation will also be included in this course.
Prerequisites: *RT 110 and RT 140.*

RT 250 Radiographic Pathology

Two semester hours
(Two hours theory per week) The course presents principles of pathology and the radiographic appearances of specific diseases. An understanding of disease processes can aid the technologist in selecting proper techniques and in determining the need for repeating a radiograph that might be acceptable under different

circumstances. This knowledge will aid the Radiologic Technologist to become a more competent professional and a contributing member to the diagnostic imaging team.

RT 260 Radiation Physics

Two semester hours
(Two hours theory per week) This course is an in-depth study of the physics and electronics involved in the production, use and control of the various electromagnetic energies used in medical and diagnostic applications. The students will benefit from studying, examining and manipulating actual equipment components that facilitate comprehension of difficult concepts and applications.

RT 265 Clinical Experience I

Four semester hours
(20 hours clinical experience per week for 14 weeks) This course provides the student the opportunity to apply concepts learned in their first year of coursework in the performance of radiologic activities in the clinical setting. The student will be required to prove competency in prescribed examinations.

RT 270 Radiation Biology

Two semester hours
(Two hours theory per week) This course is a study and analysis of the effects of various types of electromagnetic radiations and their effects on living tissues. The students will learn why they should and how they can protect themselves, their patients and others from various forms of ionizing radiation used in diagnostic and therapeutic medical applications.

RT 275 Clinical Experience II

Eight semester hours
(*40 hours clinical experience per week for 15 weeks)* This course is a continuation of RT 265. The students will begin to refine skills learned in the previous clinical course, while expanding their expertise with additional procedures. The student will be expected to become more independent in performing imaging procedures. Additional competencies and re-checks will be required in prescribed examinations.
Prerequisite: *RT 265.*

RT 276 Pharmacology for Radiologic Technologists

Two semester hours
(Two hours theory per week) This course introduces the students to the basic concepts of pharmacology, including legal and ethical issues surrounding the administration of these agents. Venipuncture, administration of diagnostic agents, intravenous medications and the appropriate patient care during delivery will be addressed. Various contrast agents and other pharmacological agents utilized in the diagnostic imaging department will be discussed.

RT 285 Clinical Experience III

Six semester hours
(40 hours clinical experience per week for 11 weeks and 30 hours classroom instruction for one additional week) This course is a continuation of RT 275 and provides the student the opportunity to exercise independent judgment and discretion in the technical performance of medical imaging procedures. Students are expected to complete all required competencies in this rotation. The final section of clinical education ensures that the student is ready for employment. At the end of the clinical experience, all students are

required to attend on-campus review sections (1 week/6 hours per day) that will prepare them for the ARRT examination. The required one-week review session will be utilized in calculating the cognitive portion of the student's grade for RT 285.
Prerequisites: *RT 265 and RT 275.*

Bachelor of Science in Medical Imaging

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Purpose

The Medical Imaging program is designed to prepare graduates for additional career opportunities and advancement within the profession. These include Computed Tomography, Magnetic Resonance Imaging, Angiography/Interventional Procedures, Mammography, Quality Management, Bone Densitometry, Medical Imaging Informatics and Management. Upon completion of the program, graduates may be eligible for advanced registry certifications by the American Registry of Radiologic Technologists (ARRT).

Mission

Medical Imaging is designed to prepare graduates for additional career opportunities and advancement within the medical imaging profession.

Program Outcomes

Upon completion of the Bachelor of Science in Medical Imaging degree, the student will be able to:

- Communicate effectively.
- Use critical thinking skills.
- Use technology skills to perform specialized imaging procedures.
- Care for patients in a manner that shows respect for cultural differences.
- Exhibit professionalism.

Philosophy

The discipline of medical imaging focuses on the pictorial representation of an individual's state of physical health. The creation of this image requires a liberally educated, compassionate professional who is technologically skilled. Because this discipline is in a constant state of technological advancement, the successful professional will also be an avid life-long learner.

Curriculum Requirements

Admission to the Bachelor of Science in Medical Imaging program is limited to ARRT Registered Technologists (Radiography), board-eligible graduates of a JRCERT Accredited Program in Radiologic Technology, and/or current matriculating Clarkson College Radiologic Technology students. Board-eligible students must provide proof of certification from the ARRT within one year to remain in the program.

In order to complete the Bachelor of Science in Medical Imaging degree at Clarkson College, students must successfully complete a total of 125 semester hours. The hours must be distributed as follows:

- **General Education Courses = 24 semester hours**
- **Support Courses = 18 semester hours** (The following courses compose the 18 hours: Anatomy, Physiology, English Composition I & II, Medical Terminology and College Algebra. All courses must be completed with a "C-" or higher)

Additional Support Courses		**Semester Hours**
BI 211	Anatomy	4
BI 213	Physiology	4
	OR	
HC 200	Health Care Science Update I and Validation Credit	8

Note: HC 200 Health Care Science Update I (three semester hours) may be taken in place of BI 211 Anatomy (four semester hours) and BI 213 Physiology (four semester hours). Upon successful completion of HC 200 Health Care Science Update I, the student will receive three semester hours of earned coursework and five semester hours of validation credit.

- **Clarkson College Core Courses = nine semester hours** (Core curriculum courses, must be taken at Clarkson College. All courses must be completed with a "C-" or higher.)
- **Previous RT Coursework = 44 semester hours**
- **Medical Imaging Major Courses = 12 semester hours** (All courses must be completed with a "C-" or higher)
- **Medical Imaging Elective Courses = 18 semester hours** (All courses must be completed with a "C-" or higher)

Advanced Standing Credit

Credit hours may be warranted for post-primary certification and/or current clinical experience.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Curriculum plan of required courses for Medical Imaging

View course descriptions

Major Courses		Semester Hours
MI 330	Pathophysiology	3
MI 410	Cross-Sectional Anatomy I	3
MI 411 ◊	Cross-Sectional Anatomy II	3
MI 445	Digital Imaging	3
		Total 12

Major Elective Courses

All students, with the approval of their advisor, must choose 18 semester hours of Medical Imaging elective courses. The students will choose from the following electives:

		Semester Hours
MI 312	Principles of Quality in Medical Imaging	3
MI 384	Pediatric Externship	3
MI 385	CT Externship	3
MI 386	MRI Externship	3
MI 387	Angiography Externship	3
MI 388	Mammography Externship	3
MI 391	Bone Densitometry Externship	3
MI 415	Computed Tomography	3
MI 416	Computed Tomography Protocols	3
MI 421	Principles of MRI Physics	3
MI 422	Principles of MRI Instrumentation	3
MI 423	Angiographic and Interventional Procedures	3
MI 427	Mammography	3
MI 432	Bone Densitometry	3
MI 441	Medical Imaging Department Management	3
MI 446	Imaging Informatics I	3
MI 447	Imaging Informatics II	3
MI 448	Information Technology Fundamentals	3
MI 449	Imaging Informatics Externship	3
MI 450	Advanced Imaging Informatics Externship	3
MI 474	Advanced Pediatric Externship	3
MI 475	Advanced CT Externship	3
MI 476	Advanced MRI Externship	3
MI 477	Advanced Angiography Externship	3

		Semester Hours
MI 478	Advanced Mammography Externship	3
MI 481	Advanced Bone Densitometry Externship	3
MI 492	Independent Studies in Medical Imaging	1-4

Medical Imaging Course Offerings/Semester

Fall Semester

MI 330 Pathophysiology	MI 410 Cross-Sectional Anatomy I
MI 416 Computed Tomography Protocols	MI 427 Mammography
MI 445 Digital Imaging	MI 446 Imaging Informatics I
MI 447 Imaging Informatics II	MI 448 Information Technology Fundamentals
MI 384-449 Externships	MI 450-481 Advanced Externships

Spring Semester

MI 411 Cross-Sectional Anatomy II	MI 421 Principles of MRI Physics
MI 423 Angiography and Interventional Procedures	MI 441 Medical Imaging Department Management
MI 445 Digital Imaging	MI 446 Imaging Informatics I
MI 447 Imaging Informatics II	MI 448 Information Technology Fundamentals
MI 384-449 Externships	MI 450-481 Advanced Externships

Summer Semester

MI 415 Computed Tomography	MI 312 Quality in Medical Imaging
MI 422 Principles of MRI Instrumentation	MI 432 Bone Densitometry
MI 445 Digital Imaging	MI 446 Imaging Informatics I
MI 447 Imaging Informatics II	MI 448 Information Technology Fundamentals
MI 384-449 Externships	MI 450-481 Advanced Externships

Summary

Students must complete at least 41 semester hours at Clarkson College. Once a student enrolls at Clarkson College, all coursework must be completed at the College.

Total semester hours in program 125

Externships

(Minimum of 180 hours of clinical experience per semester) All candidates for post-primary certification are required to perform specific clinical experience requirements to establish eligibility. Due to clinical site

variability in patient workload and variety of exams, the student may or may not meet the clinical requirements to be eligible to sit for post-primary certification upon completion of the Medical Imaging externship.

Program requires Health and Safety – View Health and Safety Information

Medical Imaging Externship Check List

Students are responsible for:

- Finding a clinical site for the externship
- Obtaining permission from the course instructor:
  - Trish Weber (webertrish@clarksoncollege.edu) - CT and MRI
  - Ann Hagenau (hagenau@clarksoncollege.edu) - Mammography
  - Kelly Eaton (eatonkelly@clarksoncollege.edu)- Imaging Informatics
  - Chelsea Boring (boringchelsea@clarksoncollege.edu) - Angiography
  - Colleen Dummer (cdummer@creighton.edu)- Bone Densitometry
- Contacting the AGENCY for health and safety requirements
- Complying with all AGENCY health and safety, drug and alcohol tests, and criminal background check requirements
- Submitting proof of completed health and safety requirements to Certified Background prior to starting the clinical experience.

Deadline Date

Externship check list must be completed 30 days prior to the start of the externship.There are no exceptions. If the externship checklist is not completed by the above deadline, the student will not be permitted to attend clinical for that semester.

Externship Checklist

1.___ State Authorization Approval. For a complete listing contact the Admissions Office of your program director.

2.___ Clinical site obtained

3.___ Clinical Affiliation Agreement complete. (Several of the hospitals in the Omaha metro area have affiliation agreements with Clarkson College; ask the externship instructor if an agreement is needed.)

4.___ Contact information for clinical liaison given to externship instructor. (Contact information should include: name, address, and phone number)

5.___ Meet with clinical liaison and complete a schedule for the semester.

6.___ Meet with externship instructor and discuss syllabus, clinical handbook and schedule.

7.___ Give externship instructor information for radiation badge distribution if applicable. (Date of birth and social security number)

8.___ Mammography & Pediatric Externship **ONLY**: ARRT certification and state licenses

Medical Imaging Course Descriptions

MI 312 Principles of Quality in Medical Imaging

Three semester hours
(Three hours theory lab per week) This course focuses on the many facets of quality surrounding medical imaging. Methodologies to determine, evaluate and enhance quality are compared and contrasted. Standards of various accreditation agencies and bodies, which interface with medical imaging, are applied to various practice situations.

MI 330 Pathophysiology

Three semester hours
(Three hours theory per week) This course is designed to correlate anatomy and physiology and relate normal body functioning to the physiologic changes that occur as a result of illness, as well as the body's remarkable ability to compensate for these changes. The course will be organized into three areas of focus based on the health-illness continuum: (1) control of normal body functions; (2) pathophysiology or alterations in body function; and (3) system or organ failure.

MI 384 Pediatric Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This externship course will allow the student to perform hands on experience in a pediatric setting. This externship course will focus on basic procedures/imaging for pediatrics. The externship will emphasize the unique approach of caring for the pediatric patient in radiology. The externship for diagnostic pediatric imaging will include patient care, principles of ALARA, immobilization techniques, causes and correction measures for artifacts, image archival, operation of imaging equipment for diagnostic, portable, c-arm and fluoroscopic studies.
Prerequisite: ARRT certification in Radiography, *Students must have ARRT certification in radiography and a Nebraska state license prior to externship.*

MI 385 CT Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experiences in a supervised clinical setting. The student will apply concepts learned in their coursework to the performance of Computed Tomography examinations. Case studies, writing assignments and demonstration of prescribed competency examinations are requirements of the course.
Prerequisite: *MI 415.*
Co-requisite: *MI 416. When the courses are taken concurrently, failure of MI 416 will result in automatic failure of MI 385.*

MI 386 MRI Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experiences in a supervised clinical setting. The student will apply concepts learned in their coursework to the performance of Magnetic Resonance Imaging examinations. Case studies, writing assignments and demonstration of prescribed competency examinations are requirements of the course.
Prerequisite: *MI 421.*
Co-requisite: *MI 422. When the courses are taken concurrently, failure of MI 422 will result in automatic failure of MI 386.*

MI 387 Angiography Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experiences in a supervised clinical setting. The student will apply concepts learned in their coursework to the performance of angiographic examinations. Case studies, writing assignments and demonstration of prescribed competency examinations are a requirement of the course.
Prerequisite: *MI 423.*
Co-requisite: *MI 423. When the courses are taken concurrently, failure of MI 423 will result in automatic failure of MI 387.*

MI 388 Mammography Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experiences in a supervised clinical setting. The student will apply concepts learned in their coursework to the performance of mammographic examinations. Case studies, writing assignments and demonstration of prescribed competency examinations are requirements of the course.
Prerequisite: *MI 427, Students must have ARRT certification in radiography and a Nebraska state license prior to externship.*
Co-requisite: *MI 427. When the courses are taken concurrently, failure of MI 427 will result in automatic failure of MI 388.*

MI 391 Bone Densitometry Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experiences in a supervised clinical setting. The student will apply concepts learned in their coursework to the performance of bone densitometry procedures. Projects, writing assignments and demonstration of prescribed competency procedures are requirements of the course.
Prerequisite: *MI 432.*

Co-requisite: *MI 432. When the courses are taken concurrently, failure of MI 432 will result in automatic failure of MI 391.*

MI 410 Cross-Sectional Anatomy I

Three semester hours
(Three hours theory per week) Anatomical cross-sections of the head, neck, thorax and spine are presented to students using images of human anatomy. Physiological considerations of major structures will also be addressed. Students practice and assess their identification skills through review exercises.
Prerequisites: *BI 211 or HC 200 and BI 213.*

MI 411 Cross-Sectional Anatomy II

Three semester hours
(Three hours theory per week) Anatomical cross-sections of the abdomen, pelvis, and upper and lower extremities are presented to students using images of human anatomy. Physiological considerations of major structures will also be addressed. Students practice and assess their identification skills through review exercises. Student engagement will be emphasized using a required service experience.
Prerequisites: *BI 211 or HC 200 and BI 213.*

MI 415 Computed Tomography

Three semester hours
(Three hours theory per week) This course focuses on the theories, physics, application and instrumentation of Computed Tomography (CT) equipment. The student will examine and critique image analysis as a means in learning to evaluate images for correct technique, imaging protocols and identification of proper anatomy. The course will also examine and explore means of correcting poor images and artifact identification.
Prerequisites: *MI 410 or MI 411.*

MI 416 Computed Tomography Protocols

Three semester hours
(Three hours theory per week) This course focuses on basic Computed Tomography (CT) protocol information in addition to adapting common protocols based on patient needs and radiation dose reduction. This course will include indications, pathology, positioning, patient preparation and contrast administration for CT examinations.
Prerequisite: *MI 415.*

MI 421 Principles of MRI Physics

Three semester hours*(Three hours theory per week)* This course details the physical and biological principles of Magnetic Resonance Imaging (MRI). A historical perspective leading to the development of MRI and an introduction of the fundamentals of electricity and magnetism will be presented. The process of MRI will be discussed in detail, beginning with the patient entering the room through the final image. This course will also present the latest imaging methods available in MRI as they evolve.
Prerequisites: *MI 410 or MI 411.*
Co-requisite: *MI 411.*

MI 422 Principles of MRI Instrumentation

Three semester hours
(Three hours theory per week) This course discusses the latest imaging methods in Magnetic Resonance

Imaging (MRI). Spin echo, gradient imaging, angiography, echo planar imaging, and the use of contrast agents and artifacts in MRI will be discussed. Related anatomical and physiological changes in various health states as revealed in MRI will be emphasized, with particular attention given to the central nervous system, thorax, abdomen, pelvis and extremities. The course is comprehensive, in that it spans from an examination and exploration of human responses to MRI procedures, through to the administration of an MRI department.
Prerequisite: *MI 421.*

MI 423 Angiographic and Interventional Procedures

Three semester hours
(Three hours theory per week) This course focuses on angiographic and interventional procedures. The students will be exposed to the basics of sterile technique, recording systems, automatic injectors, contrast media, catheters and accessories. The principles of angiography (arteriography, venography and lymphography) are presented, along with critiques of radiographic images. A wide range of vascular and nonvascular interventional procedures are examined in detail.

MI 427 Mammography

Three semester hours
(Three hours theory per week) This course is designed to provide participants the requisite theories, concepts, and praxis in performing mammographic procedures. Patient positioning, quality control and necessary patient education, along with the critique of radiographic images, serve as the foci of this course. The course also introduces the process of mammography image analysis where the participants will evaluate various images for correct positioning, proper technique and undesired artifacts.

MI 432 Bone Densitometry

Three semester hours
(Three hours theory per week) This course focuses on the anatomy, physiology and pathology of the human structural support system. The course will focus on the history of bone densitometry, tracing the early roots of the modality all the way through its advancements in today's scanners. The course will cover bone anatomy in detail, down to its cellular components. Bone pathologies that are significant to bone densitometry will also be covered in detail with an emphasis on osteoporosis.

MI 441 Medical Imaging Department Management

Three semester hours
(Three hours theory per week) This course is designed for the student going into department supervision and management. The student will learn the basics of budgets, personnel scheduling, counseling, and administrative and leadership duties.

MI 445 Digital Imaging

Three semester hours
(Three hours theory per week) This course explores the essential components of digital imaging systems for a diagnostic imaging facility. The process of digital imaging will be discussed in detail, focusing on the various aspects from initial selection and purchase to analysis and quality control of the system. Legal and security issues will also be discussed.
Prerequisite: *RT 120 for RT students.*
Prerequisite: *ARRT certification for MI only students.*

MI 446 Imaging Informatics I

Three semester hours
This introductory course focuses on the role of the PACS administrator, process mapping, financial aspects of PACS procurement and project management skills. It also includes focus on computer networking and components such as HIS, RIS, HL7, and DICOM.
Prerequisite: *MI 445.*
Co-requisite: *MI 445.*

MI 447 Imaging Informatics II

Three semester hours
This class is a continuation of PACS and Imaging Informatics I. This course focuses on the requirements and ergonomics of a reading room and/or PACS. Legal issues such as HIPAA and necessary safeguards, disaster recovery, acceptance testing and troubleshooting are also covered.
Prerequisite: *MI 446.*

MI 448 Information Technology Fundamentals

Three semester hours
This course focuses on computer basics such as hardware, database, operating systems and networking and security concepts. Special focus will be placed on the integration of imaging informatics.
Prerequisite: *MI 446.*
Co-requisite: *MI 447.*

MI 449 Imaging Informatics Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This course is designed to provide students with hands-on experience in a supervised clinical setting. Working closely with a designated liaison, the student will apply concepts learned in their coursework to performance of digital imaging and PACS related procedures. The student will be exposed to a variety of issues and problems that will require them to contribute successful solutions. Projects, writing assignments and demonstration of prescribed competency procedures are requirements of the course. This externship will be followed by the advanced level externship course MI 450.
Prerequisites: *MI 447 and MI 448.*
Co-requisites: *MI 447 and MI 448. When the courses are taken concurrently, failure of MI 447 and/or MI 448 will result in automatic failure of MI 449.*

MI 450 Advanced Imaging Informatics Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The externship is the evidence-based practice research project to the PACS curriculum. This field experience will be under the supervision of designated administrators and Clarkson College faculty. This is an opportunity to apply classroom knowledge to real world use of a PACS system. During this course, the student will perform clinical hands-on practice in a supervised clinical setting and will put into practice the knowledge acquired in the PACS (MI 486 and MI 487) coursework. The student will be required to demonstrate competency for numerous procedures within the specialty area, focusing on both the routine and advanced including a wide variety of troubleshooting tasks that PACS administrators and managers experience.
Prerequisites: *MI 449, MI 445 and MI 446.*
Co-requisites: *MI 449, MI 447 and MI 448. When the courses are taken concurrently, failure of MI 447 and/or MI 448 will result in automatic failure of MI 450.*

MI 474 Advanced Pediatric Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) This advanced externship course will allow the student to perform hands on experience in a pediatric setting. This advanced externship course will focus on the advanced procedures/imaging for pediatrics. The externship will emphasize the unique approach for caring for the pediatric patient in radiology. The advanced externship for diagnostic pediatric imaging will include patient care, principles of ALARA, immobilization techniques, causes and correction measures for artifacts, image archival, operation of imaging equipment for diagnostic, portable, c-arm and fluoroscopic studies. Additional focus will be on fluoroscopic imaging and surgical procedures.
Prerequisite: ARRT certification in Radiography, *Students must have ARRT certification in radiography and a Nebraska state license prior to externship.*

MI 475 Advanced CT Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The student will perform hands-on practice in computed tomography. The student will obtain advanced clinical experience and will be required to demonstrate competency for numerous examinations within the specialty area, focusing on both routine and advanced procedures.
Prerequisite: *MI 415.*
Co-requisites: *MI 385 and MI 416. When MI 475 is taken concurrently with MI 416 and MI 385, failure of MI 416 will result in automatic failure of MI 385 and MI 475.*

MI 476 Advanced MRI Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The student will perform hands-on practice in magnetic resonance imaging. The student will obtain advanced clinical experience and will be required to demonstrate competency for numerous examinations within the specialty area, focusing on both routine and advanced procedures.
Co-requisites: *MI 422 and MI 386. When MI 476 is taken concurrently with MI 422 and MI 386, failure of MI 422 will result in automatic failure of MI 386 and MI 476.*

MI 477 Advanced Angiography Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The student will perform hands-on practice in angiography. The student will obtain advanced clinical experience and will be required to demonstrate competency for numerous examinations within the specialty area, focusing on both routine and advanced procedures.
Prerequisite: *MI 387.*
Co-requisite: *MI 387. When MI 477 is taken concurrently with MI 423 and MI 387, failure of MI 423 will result in automatic failure of MI 387 and MI 477.*

MI 478 Advanced Mammography Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The student will perform hands-on practice in mammography. The student will obtain advanced clinical experience and will be required to demonstrate competency for numerous examinations within the specialty area, focusing on both routine and advanced procedures.

Prerequisite: *MI 388, Students must have ARRT certification in radiography and a Nebraska state license prior to externship.*
Co-requisite: *MI 388. When MI 478 is taken concurrently with MI 427 and MI 388, failure of MI 427 will result in automatic failure of MI 388 and MI 478.*

MI 481 Advanced Bone Densitometry Externship

Three semester hours
(Minimum of 180 hours of clinical experience per semester) The student will perform clinical hands-on practice in bone densitometry. The student will obtain advanced clinical experience and will be required to demonstrate competency for numerous examinations within the specialty area, focusing on both routine and advanced procedures.
Prerequisites: *MI 432 and MI 391.*
Co-requisite: *MI 391. When MI 481 is taken concurrently with MI 432 and MI 391, failure of MI 432 will result in automatic failure of MI 391 and MI 481.*

MI 492 Independent Studies in Medical Imaging

One to four semester hours
Study directed by a faculty person on a topic of the student's interest and the faculty member's expertise.
Prerequisites: *Permission by instructor.*

Certificate in Imaging Informatics

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Certificate Description

The Imaging Informatics certificate is designed to enhance the graduate's ability to succeed in today's informatics and radiology environments. The program compliments a Bachelor of Science in Medical Imaging degree for professionals with a radiology background.

Curriculum plan of required courses for Imaging Informatics Certificate

View course descriptions

		Semester Hours
MI 445	Digital Imaging	3

		Semester Hours
MI 446	Imaging Informatics I	3
MI 447	Imaging Informatics II	3
MI 448	Information Technology Fundamentals	3
	Total	**12**

Total Semester Hours in Program 12

Health Care Business Programs

Director of Health Care Business
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Introduction

Clarkson College recognizes the structural changes that have evolved in the health care industry in recent years. National statistics and labor predictions show that over the next decade, many health care roles will be redefined and newly created. These will be among the fastest-growing opportunities in the workforce. Health care professionals serving within the industry will be required to adjust to these environmental changes. Those entering the profession will be expected to possess new skills and talents to be productive employees.

The Health Care Business programs are designed to develop the knowledge, leadership and critical thinking skills for individuals to become successful in business and health care work environments. Program options range from certificate programs in Health Information Management to a master's degree in Health Care Administration. Clarkson College has bachelor's degrees in Health Care Business Management and Health Information Administration, as well as a certificate in Long-Term Care Administration. We'll help you choose an educational plan that is right for you. And since many of our programs are offered online, you'll have as much flexibility and convenience as you need.

Mission

The mission of the Health Care Business programs is to prepare students for leadership roles in health care delivery systems through high quality, ethical and compassionate health business education.

Master's Degree

- Health Care Administration

Bachelor's Degree

Health Care Business with majors in:

- Health Information Administration
- Management

Associate's Degree

- Health Information Technology

Certificates

- Post-Master's Certificate in Health Care Administration
- Post-Baccalaureate Certificate in Health Information Administration
- Certificate in Health Information Management
- Certificate in Long-Term Care Administration

Minor

- Health Care Business

Master's in Health Care Administration

Director of Health Care Business
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Introduction

Clarkson College offers an online Master's degree in Health Care Administration that meets specific professional goals of graduate students. In order to complete this program at Clarkson College, students must successfully complete 39 graduate semester hours.

Outcomes

Upon the completion of the Master's degree in Health Care Administration, graduates will:

- Evaluate strategies based on concepts of leadership and management theory.
- Convey their thoughts and ideas effectively and assertively. They will demonstrate this in written materials and orally in one-on-one or business presentations.
- Interpret synthesize and apply concepts to evaluate and solve a variety of health care business scenarios through problem recognition, project management, strategic analysis and integration and application of quantitative methods to real world business situations.
- Demonstrate an ability to acknowledge and recognize those differences that exist among all individuals, such as race, religion, language, values, culture and other unique characteristics.
- Maintain the highest ethical, professional and legal standards of conduct. They will display an ability to work with others, including those with unique qualities or characteristics without compromising integrity. They are willing to accept and respond positively to feedback and constructive critiques.
- Demonstrate an appropriate working knowledge of basic computer applications such as Microsoft Word, Excel and PowerPoint.

Online Curriculum

The Clarkson College online master's degree is designed to be a flexible learning environment. Internet-based instruction offers interactive learning opportunities and comprehensive access to information and resources. Dedicated faculty members are focused on student learning, which helps make online learning a productive and rewarding experience.

To complete a Master's degree in Health Care Administration at Clarkson College, students must successfully complete a total of 39–45 semester hours. These hours must be distributed as follows:

- **Major Requirement Courses = 36 semester hours**
- **Capstone Experience = Three semester hours**
- **Optional Electives = Six semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Core and designated service courses are identified using the following symbol: ◊

Required courses for Health Care Administration Program

View course descriptions

Major Requirement Courses (36 semester hours)		**Semester Hours**	**Duration**
MB 798	Fundamentals of Scholarly Writing in APA	1	6 weeks
MB 799	Graduate Roles and Ethics in Leadership	2	6 weeks
MB 802	Health Care Delivery Systems and Managed Care	3	6 weeks
MB 808 ◊	Health Care Leadership	3	6 weeks
MB 811	Health Care Communications	3	6 weeks
MB 827	Finance for Health Care Leaders	3	6 weeks
MB 823	Health Care Strategic Planning and Marketing	3	6 weeks
MB 809	Health Care Business Law and Ethics	3	6 weeks
MB 810 ◊	Human Resources and Organizational Behavior	3	6 weeks
MB 834	Health Care Quality and Regulatory Issues	3	6 weeks
MB 836	Health Care Project Management	3	6 weeks
MB 849	Research Methods and Analysis	3	6 weeks
MB 851	Health Care Economics	3	6 weeks
		Total 36	

Capstone Experience (three semester hours)		**Semester Hours**	**Duration**
MB 904	Capstone Project I	1	6 weeks
MB 905	Capstone Project II	1	6 weeks
MB 906	Capstone Project III	1	6 weeks
		Total 3	

Optional Electives (six semester hours)		**Semester Hours**	**Duration**
NS 847	Applied Statistics	3	15 weeks
MB 903	Internship	3	12 weeks
		Total 6	

Total Semester Hours in Program 39–45

Sample Curriculum plan for Health Care Administration Program

Classes will begin in the fall, spring and summer of each year. The following sample curriculum plan based on the fall entry into the program and is provided to guide students in planning their college coursework. All courses are six weeks in duration, with the exception of the elective courses, which are 15 weeks in duration.

Note: *Sample curriculum plan is based on courses for the seven semester option Accelerated options are also available.*

Fall Semester		**Semester Hours**
MB 798	Fundamentals of Scholarly Writing in APA	1
MB 799	Graduate Roles and Ethics in Leadership	2
MB 809	Health Care Business Law and Ethics	3
		Total 6

Spring Semester		**Semester Hours**
MB 810 ◊	Human Resources and Organizational Behavior	3
MB 851	Health Care Economics	3
		Total 6

Summer Semester		**Semester Hours**
MB 836	Health Care Project Management	3
MB 811	Health Care Communications	3
		Total 6

Fall Semester		**Semester Hours**
MB 802	Health Care Delivery Systems and Managed Care	3
MB 808 ◊	Health Care Leadership	3
		Total 6

Spring Semester		**Semester Hours**
MB 834	Health Care Quality and Regulatory Issues	3
MB 849	Research Methods and Analysis	3

Spring Semester		Semester Hours
		Total 6

Summer Semester		Semester Hours
MB 823	Health Care Strategic Planning and Marketing	3
MB 827	Finance for Health Care Leaders	3
		Total 6

Fall Semester		Semester Hours
MB 904	Capstone Project I	1
MB 905	Capstone Project II	1
MB 906	Capstone Project III	1
		Total 3

Grand Total Semester Hours 39

Post-Master's Certificate in Health Administration

Director of Health Care Business
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Post-Master's Certificate Programs

The purpose of the Post-Masters certificate program is to provide opportunities for students who already have an advanced degree to gain knowledge within a specialty at Clarkson College. The Post-Masters certificate represents the student's successful completion of the required courses in the chosen administration options.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Core and designated service courses are identified using the following symbol: ◊

Required courses for Post-Master's Health Care Administration Certificate Program

View course descriptions

Option One (21 semester hours)		**Semester Hours**	**Duration**

Option One (21 semester hours)		**Semester Hours**	**Duration**
MB 798	Fundamentals of Scholarly Writing in APA	1	6 weeks
MB 799	Graduate Roles and Ethics in Leadership	2	6 weeks
MB 802	Health Care Delivery Systems and Managed Care	3	6 weeks
MB 808 ◊	Health Care Leadership	3	6 weeks
MB 810 ◊	Human Resources and Organizational Behavior	3	6 weeks
MB 811	Health Care Communications	3	6 weeks
MB 823	Health Care Strategic Planning and Marketing	3	6 weeks
MB 827	Finance for Health Care Leaders	3	6 weeks
			Total 21

Option Two (21 semester hours)		**Semester Hours**	**Duration**
MB 798	Fundamentals of Scholarly Writing in APA	1	6 weeks
MB 799	Graduate Roles and Ethics in Leadership	2	6 weeks
MB 802	Health Care Delivery Systems and Managed Care	3	6 weeks
MB 810 ◊	Human Resources and Organizational Behavior	3	6 weeks
MB 823	Health Care Strategic Planning and Marketing	3	6 weeks
MB 834	Health Care Quality and Regulatory Issues	3	6 weeks
MB 836	Health Care Project Management	3	6 weeks
MB 851	Health Care Economics	3	6 weeks
			Total 21

Bachelor of Science in Health Care Business with major in Health Information Administration

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Introduction

The Bachelor of Science in Health Care Business degree with a major in Health Information Administration (HIA) is designed to develop the knowledge, leadership and critical-thinking skills for individuals to become successful in the health information management field.

Program Outcomes

Upon completion of the Bachelor of Science in Health Care Business degree with a major in Health Information Administration, graduates will:

- Ascertain the entry-level competencies of AHIMA's domains and sub-domains for a Registered Health Information Management Administrator (RHIA).
- Practice awareness of cultural, ethnic, gender and lifestyle differences.
- Demonstrate proficiency of written and verbal communication skills necessary for the HIM environment.
- Apply and use the appropriate technology and decision support tools in order to succeed in the HIM setting.
- Demonstrate ethical, professional and legal standards of conduct appropriate for the environment of HIM.

Curriculum Requirements

In order to complete a Bachelor of Science in Health Care Business degree with a major in Health Information Administration major at Clarkson College, students must successfully complete a total of 128 semester hours. These hours must be distributed as follows:

- **General Education = 40 semester hours** (which must include nine semester hours of the Clarkson College core curriculum).
- **Support Courses = 18 semester hours**
- **Business Major Core Courses = 24 semester hours**
- **Health Information Major Courses = 46 semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Bachelor of Science in Health Care Business with Major in Health Information Administration (HIA) Program

View course descriptions for Health Care Business Program or General Education

General Education Courses (40 semester hours)		**Semester Hours**
EN 101	English Composition I	3
EN 102	English Composition II	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3

General Education Courses (40 semester hours)		**Semester Hours**
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical & Cultural Frontiers in U.S. Health Care	3
MA 120	College Algebra	3
ST 310	Statistics	3
	Electives	19
		Total 40

Support Courses (18 semester hours)		**Semester Hours**
BU 104	Basic Computer Applications	3
BU 204	Advanced Computer Applications	3
GEN 105	Medical Terminology	1
HM 224	Anatomy and Physiology for HIM	4
HM 304	Pharmacology and Drug Administration	3
HM 324	Disease Process	4
		Total 18

Business Major Core Courses (24 semester hours)		**Semester Hours**
BU 130	Principles of Financial Accounting	3
BU 306	Principles of Management	3
BU 320	Human Resource Management	3
BU 329	Operations Management	3
BU 344	Business Finance	3
BU 371	Organizational Behavior	3
BU 425	Project Management	3
BU 442	Strategic Planning	3
		Total 24

Health Information Administration Major Courses (46 semester hours)		**Semester Hours**
HM 163	Introduction to Health Information Management	2
HM 164	Health Information Management Applications	3
HM 230	Coding I	3
BU 240	Health Care Delivery Systems	3
HM 266	Health Care Statistics	2
HM 280	Electronic Health Record	2
BU 310	Revenue Cycle Management	3
HM 331	Coding II	3

Health Information Administration Major Courses (46 semester hours)		**Semester Hours**
HM 332	Coding III	3
HM 342	Health Care Information Systems	3
HM 344	Legal and Compliance Issues	3
HM 367 ◊	Professional Practice Experience	3
HM 410	Quality Management and Process Improvement	3
HM 440	Database Design and Management	3
BU 443	Advanced Health Care Information Systems	3
HM 477	Health Information Administration Assessment	1
HM 496 ◊	Internship	3
		Total 46

Total Semester Hours in Program 128

Sample curriculum plan for Bachelor of Science in Health Care Business with Major in Health Information Administration Program

Freshman Year

Fall Semester		**Semester Hours**
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
GEN 105	Medical Terminology	1
HM 224	Anatomy & Physiology for HIM	4
HM 163	Introduction to Health Information Management	2
BU 130	Principles of Financial Accounting	3
		Total 13

Spring Semester		**Semester Hours**
HM 164	Health Information Management Applications	3
BU 104	Basic Computer Applications	3
HM 324	Disease Process	4
BU 240	Health Care Delivery Systems	3
		Total 13

Summer Semester		**Semester Hours**
BU 204	Advanced Computer Applications	3
EN 101	English Composition I	3
BU 306	Principles of Management	3
	Elective	3

Summer Semester		Semester Hours
		Total 12

Sophomore Year

Fall Semester		Semester Hours
HM 304	Pharmacology	3
MA 120	College Algebra	3
	Electives	6
		Total 12

Spring Semester		Semester Hours
HM 230	Coding I	3
HM 342	Health Care Information Systems	3
HC 204	Core II: A Cultural History in the Healing Arts	3
HM 344	Legal and Compliance Issues	3
	Elective	3
		Total 15

Summer Semester		Semester Hours
BU 310	Revenue Cycle Management	3
HM 280	Electronic Health Record	2
HM 266	Health Care Statistics	2
EN 102	English Composition II	3
HM 331	Coding II	3
		Total 13

Junior Year

Fall Semester		Semester Hours
HM 332	Coding II	3
BU 344	Business Finance	3
HM 440	Database Design and Management	3
HM 410	Quality Management and Process Improvement	3
		Total 12

Spring Semester		Semester Hours
BU 320	Human Resources	3
HM 443	Advanced Health Care Information Systems	3
HM 367	Professional Practice Experience	3

Spring Semester		Semester Hours
	Elective	4
		Total 13

Summer Semester		Semester Hours
ST 310	Statistics	3
BU 371	Organizational Behavior	3
BU 329	Operations Management	3
	Elective	3
		Total 12

Senior Year

Fall Semester		Semester Hours
BU 442	Strategic Planning	3
BU 425	Project Management	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care<	3
HM 496 ◊	Internship	3
HM 477	Health Information Administration Assessment	1
		Total 13

Grand Total Semester Hours 128

Post-Baccalaureate Certificate in Health Information Administration

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Introduction

The Post-Baccalaureate Certificate in Health Information Administration is designed for students who have already obtained a bachelor's degree but would like to pursue the field of health information administration and earn the RHIA certification. This certificate is designed to develop the knowledge, leadership and critical-thinking skills for individuals to become successful in the health information management field.

Program Outcomes

Upon completion of the Post-Baccalaureate Certificate in Health Information Administration, graduates will:

- Ascertain the entry-level competencies of AHIMA's domains and sub-domains for a Registered Health Information Management Administrator (RHIA).
- Practice awareness of cultural, ethnic, gender and lifestyle differences.
- Demonstrate proficiency of written and verbal communication skills necessary for the HIM environment.
- Apply and use the appropriate technology and decision support tools in order to succeed in the HIM setting.
- Demonstrate ethical, professional and legal standards of conduct appropriate for the environment of HIM.

Curriculum Requirements

In order to complete the Post-Baccalaureate Certificate in Health Information Administration at Clarkson College, students must successfully complete a total of 73 semester hours. These hours must be distributed as follows:

- **Support Courses = 12 semester hours**
- **Business Major Core Courses = 18 semester hours**
- **Health Information Major Courses = 43 semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for the Post-Baccalaureate Certificate in Health Information Administration Program

View course descriptions for Health Care Business Program or General Education

Support Courses (12 semester hours)		**Semester Hours**
BU 204	Advanced Computer Applications	3
GEN 105	Medical Terminology	1
HM 224	Anatomy and Physiology for HIM	4
HM 324	Disease Process	4
		Total 12

Business Major Core Courses (18 semester hours)		**Semester Hours**
BU 306	Principles of Management	3
BU 320	Human Resource Management	3
BU 344	Business Finance	3

Business Major Core Courses (18 semester hours)		**Semester Hours**
BU 371	Organizational Behavior	3
BU 425	Project Management	3
BU 442	Strategic Planning	3
		Total 18

Health Information Administration Major Courses (43 semester hours)		**Semester Hours**
HM 163	Introduction to Health Information Management	2
HM 164	Health Information Management Applications	3
HM 230	Coding I	3
BU 240	Health Care Delivery Systems	3
HM 266	Health Care Statistics	2
HM 280	Electronic Health Record	2
BU 310	Revenue Cycle Management	3
HM 331	Coding II	3
HM 332	Coding III	3
HM 342	Health Care Information Systems	3
BU 344	Legal and Compliance Issues	3
HM 367 ◊	Professional Practice Experience	3
HM 410	Quality Management and Process Improvement	3
HM 440	Database Design and Management	3
BU 443	Advanced Health Care Information Systems	3
HM 477	Health Information Administration Assessment	1
		Total 43

Total Semester Hours in Program 73

Sample curriculum plan for the Post-Baccalaureate Certificare in Health Information Adminstration Program

Freshman Year

Fall Semester		**Semester Hours**
GEN 105	Medical Terminology	1
HM 163	Introduction to HIM	2
BU 204	Advanced Computer Applications	3
HM 224	Anatomy and Physiology for HIM	4
		Total 10

Spring Semester		**Semester Hours**
HM 164	Health Information Management Applications	3
BU 240	Health Care Delivery Systems	3
HM 324	Disease Process	4
BU 342	Health Care Information Systems	3
		Total 13

Summer Semester		**Semester Hours**
HM 280	Electronic Health Record	2
BU 306	Principles of Management	3
BU 371	Organizational Behavior	3
		Total 8

Sophomore Year

Fall Semester		**Semester Hours**
BU 442	Strategic Planning	3
HM 410	Quality Management and Process Improvement	3
BU 344	Business Finance	3
HM 440	Database Design and Management	3
		Total 12

Spring Semester		**Semester Hours**
HM 230	Coding I	3
HM 344	Legal and Compliance Issues	3
BU 320	Human Resources	3
HM 443	Advanced Health Care Information Systems	3
		Total 12

Summer Semester		**Semester Hours**
HM 266	Health Care Statistics	2
BU 310	Revenue Cycle Management	3
HM 331	Coding II	2
HM 367 ◊	Professional Practice Experience	3
		Total 11

Junior Year

Fall Semester		**Semester Hours**
HM 332	Coding III	3

Fall Semester		Semester Hours
BU 425	Project Management	3
HM 477	Health Information Administration Assessment	1
		Total 7

Grand Total Semester Hours 73

Bachelor of Science in Health Care Business with major in Management

Director of Health Care Business
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Introduction

The program for the Bachelor of Science in Health Care Business degree with a major in Management is designed to develop the knowledge, leadership and critical thinking skills for individuals to become successful in business and health care work environments.

Program Outcomes

Upon completion of the Bachelor of Science in Health Care Business degree with a major in Management, graduates will:

- Relate and integrate the concepts of accounting, marketing, finance, management, law, economics and global business to the health care business environment.
- Practice awareness of cultural, ethnic, gender and lifestyle differences.
- Demonstrate proficiency of written and verbal communication skills necessary for the business environment.
- Apply and use the necessary technology and decision support tools in order to succeed in the health care and business setting.
- Demonstrate ethical, professional and legal standards of conduct appropriate in health care business.

Dual Degree Curriculum

Clarkson College has two dual degree options that will allow the associate's degree obtained at Clarkson College to be used directly as electives in the bachelor's degree program. The two options are:

- Dual Degree: Associate of Science in Physical Therapist Assistant degree/Bachelor of Science in Health Care Business degree with a major in Management (139 total credit hours)
- Dual Degree: Associate of Science in Health Information Technology degree/Bachelor of Science in Health Care Business degree with a major in Management (133 total credit hours)

Curriculum Requirements

In order to complete a Bachelor of Science in Health Care Business degree with a major in Management at Clarkson College, students must successfully complete a total of 128 semester hours. These hours must be distributed as follows:

- **General Education = 46 semester hours** (which must include nine semester hours of the Clarkson College core curriculum)
- **Support Courses = 11 semester hours**
- **Business Major Courses = 42 semester hours**
- **Health Care Business Courses = 29 semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Health Care Business with Major in Management Program

View course descriptions for Health Care Business Program or General Education

General Education Courses (46 semester hours)		**Semester Hours**
EN 101	English Composition I	3
EN 102	English Composition II	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
MA 120	College Algebra	3
PY 101	Introduction to Psychology	3
SO 101	Introduction to Sociology	3
ST 310	Statistics	3
	Electives	19
		Total 46

Support Courses (11 semester hours)		**Semester Hours**
BU 104	Basic Computer Applications	3
BU 204	Advanced Computer Applications	3
GEN 105	Medical Terminology	1
HM 224	Anatomy and Physiology for HIM	4

Support Courses (11 semester hours)		**Semester Hours**
		Total 11

Business Major Core Courses (42 semester hours)		**Semester Hours**
BU 121	Survey of Economics	3
BU 130	Principles of Financial Accounting	3
BU 199	Principles of Managerial Accounting	3
BU 210	Business Communications	3
BU 211	Business and Health Law	3
BU 246	Health Care Economics	3
BU 306	Principles of Management	3
BU 320	Human Resource Management	3
BU 326	Principles of Marketing	3
BU 329	Health Care Operations Management	3
BU 344	Business Finance	3
BU 371	Organizational Behavior	3
BU 425	Project Management	3
BU 442	Strategic Planning	3
		Total 42

Health Care Business Courses (29 semester hours)		**Semester Hours**
BU 240	Health Care Delivery Systems	3
HM 280	Electronic Health Records	2
BU 310	Revenue Cycle Management	3
HM 342	Health Care Information Systems	3
HM 344	Legal and Compliance Issues	3
HM 410	Quality Management and Process Improvement	3
BU 420	Long-Term Care	3
HM 440	Database Design and Management	3
BU 470	Issues and Policies in Public Health	3
BU 496 ◊	Internship	3
		Total 29

Total Semester Hours in Program 128

Sample curriculum plan for Health Care Business with Major in Management Program

Freshman Year

Fall Semester		**Semester Hours**
BU 104	Basic Computer Applications	3
GEN 105	Medical Terminology	1
BU 130	Principles of Financial Accounting	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
EN 101	English Composition I	3
		Total 13

Spring Semester		**Semester Hours**
BU 121	Survey of Economics	3
BU 199	Principles of Managerial Accounting	3
BU 210	Business Communications	3
BU 204	Advanced Computer Applications	3
		Total 12

Summer Semester		**Semester Hours**
EN 102	English Composition II	3
BU 306	Principles of Management	3
	Electives	6
		Total 12

Sophomore Year

Fall Semester		**Semester Hours**
HM 224	Anatomy and Physiology for HIM	4
MA 120	College Algebra	3
	Elective	3
BU 326	Principles of Marketing	3
		Total 13

Spring Semester		**Semester Hours**
PY 101	Introduction to Psychology	3

Spring Semester		**Semester Hours**
BU 211	Business and Health Law	3
HM 240	Health Care Delivery Systems	3
BU 320	Human Resource Management	3
HM 342	Health Care Information Systems	3
		Total 15

Summer Semester		**Semester Hours**
BU 310	Revenue Cycle Management	3
ST 310	Statistics	3
HM 280	Electronic Health Record	2
BU 371	Organizational Behavior	3
	Elective	1
		Total 12

Junior Year

Fall Semester		**Semester Hours**
BU 344	Business Finance	3
BU 440	Database Design and Management	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HM 410	Quality Management and Process Improvement	3
	Elective	3
		Total 15

Spring Semester		**Semester Hours**
BU 470	Issues and Policies in Public Health	3
HM 344	Legal and Compliance Issues	3
SO 101	Introduction to Sociology	3
	Elective	3
		Total 12

Summer Semester		**Semester Hours**
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3

Summer Semester		Semester Hours
BU 329	Health Care Operations Management	3
BU 420	Long Term Care	3
	Elective	3
		Total 12

Senior Year

Fall Semester		Semester Hours
BU 246	Health Care Economics	3
BU 425	Project Management	3
BU 442	Strategic Planning	3
BU 496 ◊	Internship	3
		Total 12

Grand Total Semester Hours 128

Associate of Science in Health Information Technology

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Introduction

The Associate of Science in Health Information Technology (HIT) is designed to provide a highly motivated, critical-thinking individual with an understanding of patient and organizational needs.

Program Outcomes

Upon completion of the Associate of Science in Health Information Technology degree, graduates will:

- Ascertain the entry-level competencies of AHIMA's domains and sub-domains for a Registered Health Information Management Technician (RHIT).
- Identify cultural, ethnic, gender and lifestyle differences.
- Demonstrate proficiency of written and verbal communication skills necessary for the HIM environment.
- Apply and use the necessary technology and decision support tools in order to succeed in the health care and business setting.
- Exhibit ethical, professional and legal standards of conduct appropriate for the environment of HIM.

Curriculum Requirements

In order to complete an Associate of Science in Health Information Technology degree at Clarkson College, students must successfully complete a total of 73 semester hours. These hours must be completed as follows:

- **General Education = 15 semester hours** (which must include nine semester hours of the Clarkson College core curriculum).
- **Support Courses = 21 semester hours**
- **Major Courses = 37 semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Associate of Science in Health Information Technology Program

View course descriptions for Health Care Business Program or General Education

General Education Courses (15 semester hours)		**Semester Hours**
EN 101	English Composition I	3
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
MA 120	College Algebra	3
		Total 15

Support Courses (21 semester hours)		**Semester Hours**
BU 104	Basic Computer Applications	3
BU 204	Advanced Computer Applications	3
GEN 105	Medical Terminology	1
HM 224	Anatomy and Physiology for HIM	4
HM 304	Pharmacology and Drug Administration	3
BU 306	Principles of Management	3
HM 324	Disease Process	4
		Total 21

Business Major Core Courses (37 semester hours)		**Semester Hours**
BU 240	Health Care Delivery Systems	3
BU 310	Revenue Cycle Management	3

Business Major Core Courses (37 semester hours)		**Semester Hours**
HM 163	Introduction to Health Information Management	2
HM 164	Health Information Management Applications	3
HM 230	Coding I	3
HM 266	Health Care Statistics	2
HM 280	Electronic Health Record	2
HM 331	Coding II	3
HM 332	Coding III	3
HM 342	Health Care Information Systems	3
HM 344	Legal and Compliance Issues	3
HM 367 ◊	Professional Practice Experience	3
HM 410	Quality Management and Process Improvement	3
HM 445	Health Information Technology Assessment	1
		Total 37

Total Semester Hours in Program 73

Sample curriculum pan for Associate of Science in Health Information Technology Program

The following sample curriculum plan is provided to guide students in planning their college coursework. This sample plan is designed for a full-time student. All students should seek the advice of their advisor to plan/customize their degree plan.

Freshman Year

Fall Semester		**Semester Hours**
GEN 105	Medical Terminology	1
HC 104 ◊	Core I: Effective Interaction in the World of Health Care	3
HM 224	Anatomy and Physiology for HIM	4
HM 163	Introduction to Health Information Management	2
HM 304	Pharmacology and Drug Administration	3
		Total 13

Spring Semester		**Semester Hours**
HM 164	Health Information Management Applications	3
EN 101	English Composition I	3
HM 230	Coding I	3
HM 324	Disease Process	4
		Total 13

Summer Semester		Semester Hours
BU 204	Advanced Computer Applications	3
HM 280	Electronic Health Records	2
HM 331	Coding II	3
BU 310	Revenue Cycle Management	3
		Total 11

Sophomore Year

Fall Semester		Semester Hours
BU 104	Basic Computer Applications	3
HM 332	Coding III	3
MA 120	College Algebra	3
HM 410	Quality Management and Process Improvement	3
		Total 12

Spring Semester		Semester Hours
HC 204	Core II: A Cultural History of the Healing Arts	3
BU 240	Health Care Delivery Systems	3
HM 344	Legal and Compliance Issues	3
HM 342	Health Care Information Systems	3
		Total 12

Summer Semester		Semester Hours
HM 266	Health Care Statistics	2
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
BU 306	Principles of Management	3
HM 445	Health Information Technology Assessment	1
HM 367	Professional Practice Experience	3
		Total 12

Grand Total Semester Hours 73

Certificate in Health Information Management

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This program is for individuals who are interested in medical coding and reimbursement.

Required courses for Certificate in Health Information Management Program

View course descriptions for Health Care Business Program or General Education

Course Requirements (37 semester hours)		**Semester Hours**
BU 104	Basic Computer Applications	3
BU 310	Revenue Cycle Management	3
BU 240	Health Care Delivery Systems	3
GEN 105	Medical Terminology	1
HM 163	Introduction to Health Information Management	2
HM 164	Health Information Management Applications	3
HM 224	Anatomy and Physiology for HIM	4
HM 230	Coding I	3
HM 280	Electronic Health Record	2
HM 304	Pharmacology and Drug Administration	3
HM 324	Disease Process	4
HM 331	Coding II	3
HM 332	Coding III	3

Total Semester Hours in Program 37

Sample curriculum plan for Certificate in Health Information Management Program

The following sample curriculum plan is provided to guide students in planning their college coursework. All students should seek the advice of their advisor to plan/customize their degree plan.

After completion of the 37 semester hours, students are eligible to apply for a Clarkson College Certificate of Completion.

Once the 37 semester hours in the Certificate program have been completed, an additional 36 semester hours will fulfill the requirements for the Associate's degree in Health Information Technology.

Freshman Year

Fall Semester		**Semester Hours**
HM 304	Pharmacology and Drug Administration	3
GEN 105	Medical Terminology	1
HM 224	Anatomy and Physiology for HIM	4
HM 163	Introduction to Health Information Management	2
		Total 10

Spring Semester		**Semester Hours**
HM 164	Health Information Management Applications	3
HM 230	Coding I	3
HM 324	Disease Process	4
BU 240	Health Care Delivery Systems	3
		Total 13

Summer Semester		**Semester Hours**
HM 280	Electronic Health Record	2
BU 310	Revenue Cycle Management	3
HM 331	Coding II	3
		Total 8

Sophomore Year

Fall Semester		**Semester Hours**
BU 104	Basic Computer Applications	3
HM 333	Coding III	3
		Total 6

Grand Total Semester Hours 37

Certificate in Long-Term Care Administration

Director of Health Care Business
Carla Dirkschneider, M.S., RHIA
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This program is for individuals who are interested in Long-Term Care Administration. The NAB core education requirements are encompassed throughout the entire certificate.

Required courses for Certificate in Long-Term Care Administration Program

Course Requirements (32 semester hours)		**Semester Hours**
BU 108	Introduction to Long-Term Care Services	3
BU 130	Principles of Financial Accounting	3
BU 218	Long-Term Care Laws and Regulations	3
BU 310	Revenue Cycle Management	3
BU 320	Human Resources Management	3
BU 420	Long-Term Care Management	3

Course Requirements (32 semester hours)		**Semester Hours**
BU 498	Long-Term Care Administration Practicum	3
HC 220	Gerontology	2
HCS 330	Health and Physical Aspects of Aging	3
HCS 333	Psychological and Social Aspects of Aging	3
HCS 334	Managing End of Life Care	3

Total Semester Hours in Program 32

Sample curriculum plan for Certificate in Long-Term Care Administration Program

The following sample curriculum plan is provided to guide students in planning their college coursework. All students should seek the advice of their advisor to plan/customize their degree plan.

After completion of the 32 semester hours, students are eligible to apply for a Clarkson College Certificate of Completion.

Freshman Year

Fall Semester		**Semester Hours**
BU 108	Introduction to Long-Term Care Services	3
BU 130	Principles of Financial Accounting	3
HC 220	Gerontology	2
		Total 8

Spring Semester		**Semester Hours**
BU 218	Long-Term Care Laws and Regulations	3
BU 320	Human Resources Management	3
HCS 333	Psychological and Social Aspects of Aging	3
HCS 334	Managing End of Life Care	3
		Total 12

Summer Semester		**Semester Hours**
BU 310	Revenue Cycle Management	3
BU 420	Long-Term Care Management	3
HCS 330	Health and Physical Aspects of Aging	3
BU 498	Long-Term Care Administration Practicum	3
		Total 12

Grand Total Semester Hours 32

Health Care Business Minor

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In conjunction with any Clarkson College degree program, students may earn a business minor. The minor in Health Care Business complements any major program in a health care related field and provides the fundamental knowledge needed to apply basic business principles.

Curriculum Requirements

Twenty-one semester hours of foundation courses provide you with general business knowledge. The business minor foundation courses may also be applied toward General Education electives. Fifteen semester hours must be completed at Clarkson College.

		Semester Hours
BU 104	Basic Computer Applications	3
BU 130 or BU 199	Principles of Financial Accounting OR Principles of Managerial Accounting	3
BU 210	Business Communications	3
BU 306	Principles of Management	3
	Business Electives	6
	Total 18	

Note: *MI 441 Medical Imaging Department Management,NS646, NS 472 or NS 475 Principles of Nursing Leadership and Management: Theory will also be included as possible electives to choose from for the Business minor.*

Note: *Your academic program advisor can assist you in developing a degree plan to incorporate the business minor. A change of Academic Interest form will need to be completed to add a business minor to your academic plan.*

Health Care Business Course Descriptions

UNDERGRADUATE HEALTH CARE BUSINESS COURSE DESCRIPTIONS

BU 104 Basic Computer Applications

Three semester hours
This course is to build proficiency skills in the Microsoft Office software suite, including word processing, spreadsheet, and database creation and presentation software applications. The current Microsoft Office software is used as the standard for this course.

BU 108 Introduction to Long-Term Care Services

Three semester hours
This course is an introduction to the functional and organizational structures common to long-term health care facilities. The course examines the departments in long-term care facilities (nursing, environmental services,

nutrition services, etc.), chain of command, personnel, regulatory requirements, quality indicators, and the role of the long-term care administrator.

BU 121 Survey of Economics

Three semester hours
This course is a study of the basic operations of the U.S. economy. Survey of Economics focuses on the most important tool in economics—supply and demand analysis—and applies it to clearly explain real-world economic issues. The course presents a straightforward and unbiased approach to the application of basic core principles of micro-, macro- and international economics.

BU 130 Principles of Financial Accounting

Three semester hours
This course is designed to provide a basic understanding of financial accounting including introductory accounting theory, concepts, principles and procedures. It presents the theory of debits and credits, journals, the accounting cycle, notes and interest, receivables and payables, accruals and deferrals, valuations of assets and liabilities and the preparation of basic financial statements.

BU 199 Principles of Managerial Accounting

Three semester hours
This course introduces managerial accounting concepts and models and illustrates the use of cost accounting data as a tool for planning, control and decision-making. Topics such as cost behavior, cost allocation, product costing, budgeting, performance management, responsibility accounting, financial information analysis and relevant costs/benefits will be included. Ethical challenges in managerial accounting will also be examined.
Prerequisite: *BU 130 recommended.*

BU 204 Advanced Computer Applications

Three semester hours
Using Microsoft Office computer software, this course will cover advanced applications in Microsoft Word, Excel and Access in depth. The creation of pivot tables and performing queries are the types of applications learned. The course stresses the use of these applications in a health care environment.
Prerequisite: *BU 104.*

BU 210 Business Communications

Three semester hours
This course is an introduction to business communication. Topics such as writing styles, research methods, report writing and cross-cultural communication are examined. Additionally, students study the job search process, how meetings are conducted, personality typing, and negotiating and technological devices that assist in business communication. Oral reporting and presentation skill are also covered.

BU 211 Business and Health Law

Three semester hours
This course focuses on the local, state and federal laws that impact business operations of health care delivery. Special emphasis will be given to those laws that directly affect the development of health care businesses and the laws which affect health care delivery such as the Americans with Disabilities Act (ADA), the Civil Rights Act of 1964, Organ Donation Legislation, Informed Consent Legislation and the Health Insurance Portability and Accountability Act (HIPAA).

BU 218 Long-Term Care Laws and Regulations

Three semester hours
This course is an examination of the types and sources of law relating to the long-term care facilities and assisted living centers by studying federal, state, local statues and regulations, including legal and criminal liabilities. The course will detail documentation standards required for LTC facilities.

BU 240 Health Care Delivery Systems

Three semester hours
This course is an overview of the American health care system. It includes the study of the evolution and current state of health care services and insurance, health professions and health services financing. HMO, PPO and POS plans will be reviewed. Additionally, managed care functions and contracting will be discussed.

BU 246 Health Care Economics

Three semester hours
This course explores the economics of the health care system in the United States by examining the demand for health care services, the behavior of health care providers, the influence of government policies, and the relationship between health care services and population health levels. Established health care systems and their potential for change in both the United States and other countries are considered in the context of current policy concerns.
Prerequisite: *BU 121.*

BU 306 Principles of Management

Three semester hours
This course is designed as an introduction to management, specifically applied to health care settings. As such, it will provide you with an overview of the many functions managers must perform. Students will come away with a firm understanding of the role of a manager within a health care organization. You will learn about the science of management by discovering what researchers have found in relevant fields like decision making, communication, strategic management and human resource management. Furthermore, as we discuss the findings of researchers who investigate the science of management, we will also discuss how you can use this information as you practice the art of management, and you will have the opportunity to practice through applied, in-class discussion questions, case studies and other projects.

BU 310 Revenue Cycle Management

Three semester hours
This course will discuss information about all U.S. health care payment systems and examine complex financial systems within today's healthcare environment. The student will explore health insurance and public funding programs, managed care contracting, how services are paid and how payment systems function. The student will be introduced to concepts regarding the Centers for Medicare & Medicaid Services (CMS), electronic bill submission, pay for performance, MS-DRGs, present on admission (POA) and hospital-acquired conditions (HAC), and prospective payment systems.

BU 320 Human Resources Management

Three semester hours
Human Resources Management focuses on the principles and techniques of personnel administration. This includes regulatory, legal and ethical issues in human resources management, as well as practical application.

BU 326 Principles of Marketing

Three semester hours
This class is the study of theory and application of the marketing mix with an emphasis on marketing health care services internally and externally. Each component of the marketing mix will be examined separately as well as the interactive nature of components. We will include the impact of qualitative and quantitative data analysis on marketing decisions.

BU 329 Operations Management

Three semester hours
This course focuses on the theories and practices of operations management in relation to health care. Product, process and service design will help to develop organizational action plans, implement customer service initiatives and develop protocols to help foster organizational success.

BU 344 Business Finance

Three semester hours
This course will introduce students to the most important principles and applications of health care finance, and presents the financial models for financial statement analysis, working-capital management, sources of financing, costs and cost behavior, budgeting and capital investment decisions. The focus is on health care finance as practiced within health care providers: hospitals, medical practices, clinics, home health agencies, nursing homes and managed care organizations. Issues unique to the health care industry will be discussed and analyzed.
Prerequisite: *BU 130 recommended.*

BU 371 Organizational Behavior

Three semester hours
This course focuses on the theories and practices of organizational behavior. Individual and group behaviors in organizations are addressed. Organizational dynamics and development of work environments that foster successful team-building are studied. Case studies are used to enhance the learning experience.

BU 420 Long Term Care

Three semester hours
This course is designed for the student going into the Long Term Care field and/or management. There are distinct differences in managing Long Term Care facilities compared to other hospital and health care institutions. The student will learn the fundamentals of management in the LTC arena. This course also focuses on how to work with the culture, clients, families and regulatory constraints that play a part in the long term care environment.

BU 425 Project Management

Three semester hours
Students will learn project management in this course. Concepts of planning, resource allocation, design, implementation and assessment of various tools and software programs will be used in the project management processes.

BU 442 Strategic Planning

Three semester hours
This course examines the use of several strategic management tools to formulate, implement, and evaluate cross-functional decisions that enable an organization to achieve its objectives. This course is designed to integrate all previous courses in business to arrive at overall decision-making within an organization.

BU 470 Issues and Policies in Public Health

Three semester hours
This course focuses on current health policy issues and public health. Students will learn about the origins and development of the public health system. They will also learn how the U.S. health system is organized at the federal, state and local levels. Additionally, public health activities such as epidemiological investigations, biomedical research, environmental assessment and policy development will be explored. Finally, students will learn how health policy is created and some current health policy issues that legislators are struggling with including the rise in health care expenditures, the nursing shortage, malpractice premiums, health insurance reform and tax status for nonprofit hospitals.

BU 496 Professional Practice Experience/Internship

Three semester hours
This course provides field experience in a health care organization under the supervision of selected health care administrators and faculty. This is an opportunity to apply classroom knowledge to real-world business with emphasis on health care.
Prerequisite: *Last semester of study and permission of the program director.*
Note: *Students may be required to meet certain health and safety standards set by the agency providing the internship.*

BU 498 Long-Term Care Administration Practicum

Three semester hours
This course provides field experience in a long-term care organization under the supervision of selected health care administrators and faculty. This is an opportunity to apply classroom knowledge to real-world business with emphasis on health care. This course will allow the student to start working toward the required practicum hours for long-term care administrators.
Prerequisite: *Last semester of study and permission of the program director.*
Note: *Students may be required to meet certain health and safety standards set by the agency providing the internship.*

HM 163 Introduction to Health Information Management

Two semester hours
This is an introductory course into the health information management profession. An overview of health care delivery systems and how the HIM profession relates to health care delivery will be explored. The course will also cover health information technology functions and various HIM personnel specializations.

HM 164 Health Information Management Applications

Three semester hours
This course discusses the content and structure, as well as the various functions of health records. This course also addresses topics such as storage and retrieval of information, indexes/registries, documentation requirements, accreditations and licensures, as well as utilizing the virtual lab for topics such as the master patient index and deficiency analysis.
Prerequisites: *HM 163 or concurrent.*

HM 224 Anatomy and Physiology for HIM

Four semester hours
The course is designed to teach important concepts about human anatomy and physiology in preparation for degree coursework. The course focuses on the structure of organs and their relationship to one another. The course also examines how organs function.
Prerequisite: *GEN 105 or concurrent.*

HM 230 Coding I: Foundation of Coding

Three semester hours
This course is an introduction to ICD-10-CM. This class will focus on appropriate use of the codebook and the principals of appropriate diagnosis code selection using ICD-10-CM. Students will be introduced to official coding reference material, encoder software and regulatory concepts such as MSDRGs, DRGs, APCs, etc. The class will also introduce ICD-9-CM as a legacy system.
Prerequisites: *GEN 105 and HM 224; HM 324 and HM 164 recommended.*

HM 266 Health Care Statistics

Two semester hours
This course is the study of the methods/formulas for computing and preparing statistical reports in the health care setting. Emphasis will be placed on descriptive statistics and presenting statistical data.

HM 280 Electronic Health Record

Two semester hours
One of the most unifying practices of modern health care delivery is centered around the development of the electronic medical record. This course offers a broad foundation in health care models and legal policy perspectives, multiple user information requirements, and strategies for mounting and managing organizational initiatives regarding the electronic medical record.

HM 304 Pharmacology and Drug Administration

Three semester hours
This course is a study of pharmacological concepts and practices including theory and practice of drug administration. Legal and ethical issues of medication are also covered.

HM 324 Disease Process

Four semester hours
This course is designed to study the nature and causes of disease. This includes the study of the etiology, signs and symptoms, diagnostic evaluation procedures, complications, treatment, management, prognosis and advanced medical terminology. Through class discussion and assigned case studies, students apply their knowledge and utilize their critical thinking and problem-solving abilities.
Prerequisites: *GEN 105 or concurrent.*

HM 331 Coding II: Principles of Coding

Three semester hours
This class will focus on appropriate use of the CPT codebook and application of CPT coding guidelines for appropriate procedure code and modifier selection. Lessons on HCPCS Level II coding are included. Students will be introduced to coding from operative reports and medical records. Assignment of diagnosis and

procedure codes using ICD-9-CM will also be reviewed.
Prerequisite: *HM 230.*

HM 332 Coding III: Principles of Coding

Three semester hours
This course is an advanced course in ICD-10-CM/PCS and CPT. This class will also discuss reimbursement systems, case mix index, physician queries and present on admission indicators. To develop their skills, students will use the ICD-10-CM/PCS books, CPT book and/or encoders to code physician office, ambulatory and facility records.
Prerequisite: *HM 331.*

HM 342 Health Care Information Systems

Three semester hours
This introductory course provides an overview of health care computer information systems. Topics related to hardware, software and operating systems will be explored and discussed. In addition, students will examine high-level information related to data management, systems development, the application and integration of information technology and the management of computer systems in a health care setting.
Prerequisite: *HM 280 recommended.*

HM 344 Legal and Compliance Issues

Three semester hours
This course provides an in-depth review of the legal requirements regarding health records and an introduction to the health care regulatory environment, including a review of federal fraud and abuse laws, Anti-kickback, Stark, HIPAA, Sarbanes/Oxley, JCAHO and CMS standards. You will learn the essential elements of an effective compliance program and the tools necessary to implement and maintain a health care compliance program.

HM 367 Professional Practice Experience

Three semester hours
This course is used to provide students an opportunity to practice the skills learned within the program curriculum. The course will be split into two distinct sections. Students will utilize the course as a lab course for the first six weeks and as a clinical course for the last portion of the semester. Students will gain experience in all types of health care settings.
Prerequisites: *BU 204, HM 164 and HM 331.*

HM 410 Quality Management and Process Improvement

Three semester hours
This course studies issues in the management of quality in health care which span the various clinical and administrative disciplines and must be approached from a variety of perspectives. This course will prepare students to apply performance improvement data analysis and presentation tools.
Prerequisite: *BU 204 recommended.*

HM 443 Advanced Health Care Information Systems

Three semester hours
This course will emphasize the planning and management of health care information systems and its strategic alignment with organizational objectives. Major clinical applications, information architectures, data storage,

data retrieval, data analysis, current trends and emerging technologies will be covered. Course topics will focus on standards, security, legal and ethical issues related to the use and management of information systems.
Prerequisite: *HM 342.*

HM 440 Database Design and Management

Three semester hours
This course is designed to give students a foundation in practical database design and implementation. Topics related to data modeling, database design, database inquiry/manipulation, database implementation, security and management will be covered with emphasis on relational database systems.
Prerequisite: *BU 342.*

HM 445 Health Information Technology Assessment

One semester hour
This assessment course is designed as a review for the RHIT certification exam. Through this course, you will register for and complete the RHIT certification exam through AHIMA's early testing option.
Prerequisite: *Last semester of study.*

HM 447 Health Information Administration Assessment

One semester hour
This assessment course is designed as a review for the RHIA certification exam. Through this course, you will register for and complete the RHIA certification exam through AHIMA's early testing option.
Prerequisite: *Last semester of study.*

HM 496 Professional Practice Experience/Internship

Three semester hours
This course provides field experience in a health care organization under the supervision of selected health care supervisors and faculty. This is an opportunity to apply classroom knowledge to real-world HIM experiences.
Prerequisite: *Last semester of study or permission of the program director.*
Note: *Students may be required to meet certain health and safety standards set by the agency providing the internship.*

GRADUATE HEALTH CARE BUSINESS COURSE DESCRIPTIONS

MB 798 Fundamentals of Scholarly Writing in APA

One semester hour
This course focuses on scholarly writing with specific emphasis on APA style. Students will refine their writing skills and apply APA style rules in a scholarly research paper.
Prerequisite: *Admission into the MHA program or a Post-Master's MHA Certificate and MB799 or concurrently.*

MB 799 Graduate Roles and Ethics in Leadership

Two semester hours
This course provides a framework for the transition to graduate education and serves as a foundation for the graduate program at Clarkson College. The course provides an overview of the Clarkson College online

platform. It includes a preview of the instructional methods and format of the courses, as well as special features within the online campus. In addition, the foundation for effective managers and leaders will be placed in the study of how leaders have the power to do significant good or harm. Leadership theories studied include authentic, servant, transformational and sustainability. Elements of character, as well as ethical perspectives and decision-making are presented.
Prerequisite: *Admission into the MHA program or a Post-Master's MHA Certificate and MB798 or concurrently.*

MB 802 Health Care Delivery Systems and Managed Care

Three semester hours
This course is an overview of the American health care system. It includes the study of the evolution and current state of health care services and insurance, health professionals and health services financing. HMOs, PPOs and POS plans will be reviewed. Additionally, managed care functions and contracting will be discussed. Primary focus throughout the continuum will be leadership challenges associated with access, quality and cost of care by investigating the delivery of quality care to consumers.
Prerequisite: *MB 798, MB 799.*

MB 808 Health Care Leadership

Three semester hours
This course will introduce students to classical and current views of leadership. Students will gain a foundation in theories and models of leadership and assess their own leadership style. Special focus on the unique issues of leadership in health care is presented and discussed. As a designated service course, students will volunteer their time and observe the leadership in a non-profit organization.
Prerequisite: *MB 798, MB 799.*

MB 809 Health Care Business Law and Ethics

Three semester hours
This course provides various ethical frameworks and an overview of the U.S. legal system as basis for analyzing health care issues that affect health care institutions, individual patients and health care providers. Overall legal-ethical issues common to health care administration are reviewed. Selected complex health care ethical dilemmas, such as right to life, right to die and health care allocation are examined.
Prerequisite: *MB 798, MB 799.*

MB 810 Human Resources and Organizational Behavior

Three semester hours
An understanding of individual's behavior and group dynamics is a critical part of the present and future success of health care executives. These executives need to be able diagnose and understand the root causes of behavioral workplace problems such as poor communication, lack of employee motivation, poor performance, high turnover, conflict and stress. Among the topics covered are individual perceptions and attitudes, diversity, communication, motivation, leadership, power, stress, conflict, conflict management, negotiations, group dynamics, team building, managing organizational change and human resources.
Prerequisite: *MB 798, MB 799.*

MB 811 Health Care Communications

Three semester hours
This course will develop the ability to effectively apply the interpersonal and organizational communication skills provided in course theory and practice. Students will be expected to demonstrate practical application of

information in many ways including interpersonal, small group, organizational and public communication. Attitudes and behaviors will also be addressed in a variety of organizational and community situations which health care leaders must face.
Prerequisite: *MB 798, MB 799.*

MB 823 Health Care Strategic Planning and Marketing

Three semester hours
This course provides students with comprehensive attention to strategic practices necessary for future development and survival of a health care organization. Strategic planning and integrated marketing practices serve as the foundation of building a strong infrastructure for effective operations. How health care organizations relate to their external environment will help students to understand the forces that shape the organization under their leadership. The student will also learn how to foster external and internal customer service practices for relationship building as well as support and execution of governance decisions.
Prerequisite: *MB 798, MB 799.*

MB 827 Finance for Health Care Leaders

Three semester hours
This class examines the financial and budgetary concepts as applied in the management of health care organizations. Topics will include capital acquisitions, cost of capital and capital structure, capital allocation, financial analysis, financial forecasting and use of various financial instruments. Hands-on learning is provided by analyzing health care-specific case studies.
Prerequisites: *MB 798, MB 799; Undergraduate accounting/finance or experience strongly recommended.*

MB 834 Health Care Quality and Regulatory Issues

Three semester hours
Leading and sustaining effective change efforts are a primary responsibility of leaders. This course will provide students with the tools and techniques of leading continuous quality improvement (CQI) of clinical and organizational efforts within a facility. An emphasis on how to develop the processes of in-depth investigation of various areas of internal operations will be presented. Specific focus will be on skill development associated with selecting and implementing various CQI tools. Students will demonstrate correct usage on a specific organizational change effort within a health care organization.
Prerequisite: *MB 798, MB 799.*

MB 836 Health Care Project Management

Three semester hours
This course focuses on project portfolio management and the alignment of project objectives with organizational strategic objectives. Tools and methods of project portfolio management will be introduced, and topics such as project management office (PMO), program management, and essential tools and techniques of project management will also covered.
Prerequisite: *MB 798, MB 799.*

NS 847 Applied Statistics

Three semester hours
An in-depth coverage of the strategies involved in data analysis, including statistical procedures and interpretation of data for research. Students will apply knowledge of descriptive, parametric, non-parametric, univariate and selected multivariate approaches to data analysis. Emphasis will be on interpretation of statistical results and on evaluation of published research and its applicability to health care. Each student is

expected to be familiar with common terminology and with use of descriptive and inferential statistical techniques, including probability, chi-square, student t analysis of variance, rank sum, Mann Whitney U, median test, sign test and correlation.
Prerequisite: *MB 798, MB 799; Undergraduate statistics is recommended.*

MB 849 Research Methods and Analysis

Three semester hours
The research process is examined in detail. Various research designs, both qualitative and quantitative, are analyzed in addition to exploring the relationship between research and practice. Furthermore, the course will prepare the student to critique published research studies, both qualitative and quantitative, and to apply research finding appropriately to practice. This course also provides an in-depth review of the strategies involved in data analysis, including statistical procedures and interpretation of data for research. Emphasis will be on interpretation of statistical results and on evaluation of published research and its applicability to health care.
Prerequisite: *MB 798, MB 799; Undergraduate statistics is recommended.*

MB 851 Health Care Economics

Three semester hours
This course explores the economics of the health care system in the United States by examining the demand for health care services, the behavior of health care providers, the influence of government policies, and the relationship between health care services and population health levels. Established health care systems and their potential for change in both the United States and other countries are considered in the context of current policy concerns.
Prerequisite: *MB 798, MB 799.*

MB 903 Internship

Three semester hours
Students will be expected to identify an organization in which they will spend time under the supervision of a selected mentor to apply the leadership strategies and techniques learned throughout the program. The internship will consist of the supervised leadership duties by a designated mentor who will facilitate students' health care career knowledge.
Prerequisite: *All major courses.*
Note: *Students may be required to meet certain health and safety standards set by the agency providing the internship.*

MB 904 Capstone Project I

One semester hour
This course is the first of three courses culminating in a scholarly capstone project. This scholarly experience synthesizes relevant domains of knowledge and makes a contribution to generation or application of knowledge to enhance practice, education, theory or policy. Each student will complete a problem statement and a literature review according to established requirements of the project.
Prerequisite: *All major courses or permission from program director.*

MB 905 Capstone Project II

One semester hour
This course is the second of three courses culminating in a scholarly capstone project. This scholarly experience synthesizes relevant domains of knowledge and makes a contribution to generation or application

of knowledge to enhance practice, education, theory or policy. The student will build on the material completed in MB 904 and will complete data gathering components for the scholarly project.
Prerequisite: *MB 904 or concurrently.*

MB 906 Capstone Project III

One semester hour
This course is the final of three courses culminating in a scholarly capstone project. This scholarly experience synthesizes relevant domains of knowledge and makes a contribution to generation or application of knowledge to enhance practice, education, theory or policy. The student will build on the material completed in MB 904 and MB 905 and will complete the scholarly project. An oral presentation of the scholarly project is also required. In addition to the completion of the capstone project, the student will also complete a set of comprehensive case studies designed to evaluate the student's mastery of the health care administration field.
Prerequisite: *MB 905 or concurrently.*

Health Care Services Programs

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Bachelor of Science in Health Care Services

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Introduction

The Bachelor of Science degree in Health Care Services (HCS) program is designed to:

1. Provide an avenue for Clarkson students working on an Associate's degree to complete their Bachelor's degree.
2. Enable current health care employees to earn their Bachelor's degree for career advancement.
3. Provide traditional students not interested in direct patient care an opportunity to learn about and work in the health care arena.

Each option will enable graduates to better navigate the complicated health care delivery systems and optimize health care for their patients.

Program Outcomes

Upon successful completion of the Bachelor of Science degree in Health Care Services, graduates will:

- Demonstrate proficiency of written and verbal communication skills.

- Utilize critical thinking.
- Practice awareness of cultural, ethnic, gender and lifestyle differences.
- Utilize technology proficiently.
- Demonstrate ethical and professional conduct.

Dual Degree Curriculum

Clarkson College has dual degree options that will allow the Associate's degree obtained at Clarkson College to be used directly as electives in the Bachelor's degree program. The options are:

- Dual degree: Associate of Science degree in Physical Therapist Assistant/Bachelor of Science degree in Health Care Services.
- Dual degree: Associate of Science degree in Radiologic Technology/Bachelor of Science degree in Health Care Services.
- Dual degree: Associate of Science degree in Health Information Technology/Bachelor of Science degree in Health Care Services.

Minors and Certificates

- Gerontology Minor
- Public Health Minor
- Public Health Certificate

Curriculum Requirements

In order to complete a Bachelor of Science degree in Health Care Services, students must successfully complete 132-136 semester hours. These hours are distributed as follows:

- **General Education = 21 semester hours**
- **Core Courses = 9 semester hours**
- **Support Courses = 18 semester hours**
- **Health Care Services Major Courses = 12 semester hours**
- **Concentration Courses = 72 semester hours**

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study. Successful completion of service experiences is required to pass the designated service courses. Designated service courses are identified using the following symbol: ◊

Required courses for Bachelor of Science in Health Care Services Program

View course descriptions for Health Care Services Program or General Education

General Education Courses (21 semester hours)		**Semester Hours**
BU 104	Basic Computer Applications	3

General Education Courses (21 semester hours)		**Semester Hours**
EN 101	English Composition I	3
EN 102	English Composition II	3
GEN 105	Medical Terminology	1
MA 120	College Algebra	3
ST 310	Statistics	3
PY 101	Introduction to Psychology	3
SO 220	Medical Sociology	2
		Total 21

Core Courses (9 semester hours)		**Semester Hours**
HC 104 ◊	Core I: Effective Interactions in the World of Health Care	3
HC 204	Core II: A Cultural History of the Healing Arts	3
HC 304	Core III: Ethical and Cultural Frontiers in U.S. Health Care	3
		Total 9

Support Courses (18 semester hours)		**Semester Hours**
HM 224 BI 222	Survey of Anatomy and Physiology for HIM **OR** Basic Anatomy and Physiology **OR** BI 211 Anatomy and BI 213 Physiology	4
BU 240	Health Care Delivery Systems	3
HM 280	Electronic Health Records	2
HM 304	Pharmacology and Drug Administration	3
BU 371	Organizational Behavior	3
HM 410	Quality Management and Process Improvement	3
		Total 18

Major Courses (12 semester hours)		**Semester Hours**
HCS 240	Health and Medical Aspects of Stress Management	3

Major Courses (12 semester hours)		**Semester Hours**
HCS 320 ◊	Patient Advocacy and Health Literacy	3
HCS 410	Fieldwork (concentration-related)	3
HCS 420	Fieldwork (concentration-related)	3
		Total 12

Additional Major Concentration Courses (72 semester hours)

Traditional students will choose four of the five concentration areas to complete their degree.

Post-degree students will receive 54 direct transfer credit hours and will choose one of the five concentration areas to complete their degree. The degree must be received from an accredited institution.

Students will choose four of the following five concentration areas to complete the Bachelor of Science degree in Health Care Services.

Gerontology Concentration (18 semester hours)		**Semester Hours**
PY 220	Dying and Death	2
HC 220	Gerontology	2
HCS 330	Health and Physical Aspects of Aging	3
HCS 333	Psychological and Social Aspects of Aging	3
HCS 334	Managing End of Life Care	3
HCS 336	Seminar in Gerontology	2
BU 420	Long Term Care	3
		Total 18

Health Care Business Concentration (18 semester hours)		**Semester Hours**
BU 130	Principles of Financial Accounting	3
BU 210	Business Communications	3
BU 306	Principles of Management	3
Students choose three of the following electives:		
BU 121	Survey of Economics	3
BU 199	Principles of Managerial Accounting	3
BU 204	Advanced Computer Applications	3
BU 246	Health Care Economics	3
BU 310	Revenue Cycle Management	3
BU 320	Human Resources Management	3
BU 326	Principles of Marketing	3

Health Care Business Concentration (18 semester hours)		**Semester Hours**
BU 425	Project Management	3
BU 442	Strategic Planning	3
BU 470	Issues and Policies in Public Health	3
		Total 18

Public Health Concentration (18 semester hours		**Semester Hours**
HCS 250	Epidemiology	3
HCS 251	Environmental Risk Factors for Disease	3
HCS 351	Data Collection and Future Trends	3
HCS 353	Community Engagement in Public Health	3
ST 410	Advanced Statistics for Public Health Care	3
BU 470	Issues and Policies in Public Health	3
		Total 18

Human Services Concentration (18 semester hours		**Semester Hours**
PY 200	Human Development	3
HCS 241	Human Services I	3
HCS 243	Human Services II	3
HCS 341	Gerontology in Human Services	3
HCS 343	Diversity Seminar	1
HCS 344	Populations at Risk Seminar	1
HCS 345	Crisis Intervention Seminar	1
HCS 441	Ethical and Professional Issues in Human Services	3
		Total 18

Women's Health Concentration (18 semester hours)		**Semester Hours**
HCS 260	Intro Women's Health Topics and Issues	3
HCS 261	Women's Health I	3
HCS 264	Literature and New Models in Women's Health	3
HCS 362	Women's Health II	3
HCS 363	Violence and Mental Health Issues	3
HCS 365	Women's Health Seminar: Mammography	1
HCS 366	Women's Health Seminar: Pharmacology	1
HCS 367	Women's Health Seminar: Physical Therapy	1
		Total 18

Health Care Services Minors

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Students may earn a minor in conjunction with any Clarkson College degree program. The Health Care Services minors will complement any major program in a health care related field and will provide the background for students to work in a wide variety of health care settings.

Public Health Minor

Required courses		**Semester Hours**
HCS 250	Epidemiology	3
HCS 251	Environmental Risk Factors and Disease	3
HCS 351	Data Collection and Future Trends in Public Health	3
HCS 353	Community Engagement in Public Health	3
HCS 410	Advanced Statistics for Public Health	3
BU 470	Issues and Policies in Public Health	3
		Total 18

Gerontology Minor

Required courses		**Semester Hours**
PY 220	Dying and Death	2
HC 220	Gerontology	2
HCS 330	Health and Physical Aspects of Aging	3
HCS 333	Psychological and Social Aspects of Aging	3
HCS 334	Managing End of Life Care	2
HCS 336	Seminar in Gerontology	3
BU 420	Long Term Care	3
		Total 18

Public Health Certificate

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The Certificate in Public Health is designed for individuals interested in obtaining knowledge about public health concepts to enhance their ability to succeed in their chosen field.

Prerequisites: (available at Clarkson College or qualifying courses may transfer)		**Semester Hours**
BI 211	Anatomy & BI 213 Physiology (minimum 4 semester hours of Anatomy & Physiology)	4
BU 104	Basic Computer Applications	3
EN 101	English Composition I	3
EN 102	English Composition II	3
MA 120	College Algebra	3
ST 310	Statistics	3
	Total 19	

Required courses		**Semester Hours**
HCS 250	Epidemiology	3
HCS 251	Environmental Risk Factors and Disease	3
HCS 351	Data Collection and Future Trends in Public Health	3
HCS 353	Community Engagement in Public Health	3
HCS 410	Advanced Statistics for Public Health	3
BU 470	Issues and Policies in Public Healt	3
HCS 410	Fieldwork	3
	Total 21	

Health Care Services Course Descriptions

These courses are also available as General Education electives.

HCS 240 Health and Medical Aspects of Stress Management

Three semester hours
This course will focus on the relationship between stress and health as well as current stress management practice and theory. Stress management techniques will be emphasized. Provided will be an understanding of stress and its physical, psychological and social effects. Includes the relationships between stress and change, self-evaluation, sources of stress and current coping skills for handling stress in all life roles.

HCS 241 Human Services I

Three semester hours
An introduction to the role and history of human services. Students will discover the roles, challenges and importance of boundaries for human services workers. Problems and approaches utilized in working with at risk populations will be defined.

HCS 243 Human Services II

Three semester hours
This course provides an introduction to the functions and activities of human services organizations within the community. Special attention will be given to utilizing case management systems through collaborative and interagency services. Students will identify key aspects of working within a macro setting and how these may affect case management.
Prerequisite*: Successful completion of HCS 241.*

HCS 250 Epidemiology

Three semester hours
This is a foundational course for health professionals in the field of infection control in all health care settings. This course integrates microbiology, infection prevention, and patient care practices as applied to a population-focused practice. It provides major emphasis on risk identification and prevention strategies.

HCS 251 Environmental Risk Factors and Disease

Three semester hours
This course investigates physical, chemical and biological risk factors that may contribute to human disease. Disease processes, manipulation of the environment to prevent disease, and therapeutic interventions to cure diseases will be discussed.

HCS 260 Introduction to Women's Health Topics and Issues

Three semester hours
This course provides an introduction to women's health. A review of the historical and current issues related to the growth and development of women and the barriers to maintain a healthy lifestyle throughout the lifespan.

HCS 261 Women's Health I

Three semester hours
This course examines psychological, social, and behavioral influences on women's health. It focuses on the relationship between lifestyle factors and mental and physical health in women. Topics covered include high-risk health behaviors, stress, weight, sexuality, fertility, and promoting health and wellness among women.

HCS 264 Literature and New Models in Women's Health

Three semester hours
This course provides an introduction to the ideas and issues central to women's health as evidenced in current literature and historiography. The course will utilize an interdisciplinary approach of materials including writing and research.

HCS 320 Patient Advocacy and Health Literacy

Three semester hours
This course will examine recommended actions to promote a health literate society and how to be an advocate to not only the patient and family but at a local, state and national level. Content areas include an exploration of verbal and written techniques, tools and interventions implemented to ensure health information is clearly communicated and promotes patient access and resources for quality care. Students will also learn key principles and strategies of how to effectively provide resources to a variety of patient populations and improve health literacy, along with different methods of evaluating literacy and its impact on health.

HCS 330 Health and Physical Aspects of Aging

Three semester hours
This course will explore the anatomy and physiology of adult body systems, age-related changes in structure and function and age-related disorders. Epidemiology of the major chronic diseases, risk factors, methods of prevention and current methods of treatment will be discussed. Students will also learn about the impact of physical activity and recreation, nutrition and infection control on health and disease in the aging population.

HCS 333 Psychological and Social Aspects of Aging

Three semester hours
This course provides an overview of the psychological and social aspects of aging. The demographics of aging and the impact of aging on social institutions will be examined. This course provides an analysis of the individual and society, and an exploration of the changing roles and status of the aging population. It addresses both normal aging and psychopathology. Implications for cultural diversity and at-risk populations will also be explored.

HCS 334 Managing End of Life Care

Three semester hours
This course surveys contemporary policies, programs and services for an aging population and explores the impacts of an aging society on financial planning and retirement. Students, caregivers, professionals, family members, and friends are equipped with information to provide quality care for elderly people while taking care of their own needs for support and rest. Focus is on understanding a multidisciplinary approach to community, home, and institution based care which addresses social and ethical issues, problems, policies, and programs that affect the quality of life for our rapidly aging population. This course explores specific health needs of aging individuals and assists students in identifying techniques and strategies used in developing programs for the older adult.

HCS 336 Seminar in Gerontology

Two semester hours
An integrative course in which students will apply knowledge gained in earlier coursework to gerontology related areas such as advocacy, professionalism, family and workspace issues, education, vulnerability, and legal issues.
Prerequisites*: Successful completion of HC 220, HCS 330, HCS 333 and HCS 334.*

HCS 341 Gerontology in Human Services

Three semester hours
This course will address Gerontology and human services practices and policy focusing on historical developments and content of key social, legislative and governmental programs designed for older adults.

HCS 343 Diversity Seminar

One semester hour
This seminar could cover topics that include the following: religion, culture, ethnicity, sexuality and global perspectives.

HCS 344 Populations at Risk Seminar

One semester hour
This seminar could cover topics that include the following: abuse, neglect, HIV/AIDs, refugees, immigrants and homelessness.

HCS 345 Crisis Intervention Seminar

One semester hour
This seminar could cover topics that include the following: substance abuse, mental health, medical crisis and relief agencies during times of natural disasters**.**

HCS 351 Data Collection and Future Trends in Public Health

Three semester hours In this course, students will analyze information concerning future trends in Public Health Care using methods learned in Advanced Statistics. Students will also look at demographics, facilities, educational infrastructure and law, and analyze how future trends will affect public health.
Prerequisite: Successful completion of ST 410.

HCS 353 Community Engagement in Public Health

Three semester hours
This course will look at the concepts of community building and health improvement. Students will identify strategies for stakeholder outreach and implementation of community health initiatives. Active public engagement will assist with the exploration and identification of established programs within a community of interest.

Prerequisites: Successful completion of HCS 250, HCS 251, HCS 320, ST 410, and BU 470. HCS 351, may be taken concurrently or prior to HCS 353.

HCS 362 Women's Health II

Three semester hours
This course examines women's health with an emphasis on global issues. Social, political, economic, cultural and geographical factors influencing women's health will be explored. Students will examine the basic health needs of all women and compare the availability of and types of services in different parts of the world.
Prerequisite*: Successful completion of HCS 261.*

HCS 363 Violence and Mental Health Issues

Three semester hours
This course examines the mental health of women throughout the lifespan. Topics such as sleep and self-care, substance abuse, co-dependency, anxiety, post-partum depression and empty-nest phenomena will be explored. Additionally, the effects of domestic violence (battered women, rape, rape-trauma syndrome) against women will be discussed to examine how violence affects the mental health of women.

HCS 365 Women's Health Seminar: Mammography

One semester hour
This course examines the role of mammography in breast cancer detection. Breast cancer risk factors, the need for screening, breast health strategies and available technology will be discussed.

HCS 366 Women's Health Seminar: Pharmacology

One semester hour
This course examines pharmacologic agents used during pregnancy, labor and delivery, and postpartum. Oral and long acting contraceptives, menopausal hormone replacement therapy, and the pharmacologic prevention and treatment of osteoporosis will also be discussed.

HCS 367 Women's Health Seminar: Physical Therapy

One semester hour
This course examines topics relevant to women's health, such as incontinence, lymphedema, breast/ovarian/uterine cancer rehabilitation, pelvic floor dysfunction and how to stay active throughout the lifespan

HCS 410 Fieldwork (concentration related)

Three semester hours
The fieldwork experience allows students to combine academic theory with new, career-related experience in their area of professional interest. Students must gain permission from the advisor before enrolling.
Course Grade: Pass/No Pass

HCS 420 Capstone (concentration related)

Three semester hours
The capstone experience requires students to conduct programmatic research and implement a service project in their area of professional interest. Students must gain permission from the advisor before enrolling.
Course Grade: Pass/No Pass

HCS 441 Ethical and Professional Issues in Human Services

Three semester hours
This course will cover ethical, legal and professional issues facing the human services worker. It is designed to teach a process of ethical decision-making and to increase awareness of the complexities in practice.

General Education

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Clarkson College General Education courses are designed specifically with health care students in mind. These courses are uniquely student-centered and facilitate the application of classroom learning to real life situations. General Education support and elective courses have been carefully engineered by our faculty to ensure that they provide the foundations necessary for successful progression through each program of study.

All undergraduate students will complete the health care core curriculum as part of the general education requirements.

- Core I: Effective Interactions in the World of Health Care
- Core II: A Cultural History of the Healing Arts
- Core III: Ethical and Cultural Frontiers in U.S. Health Care

Core courses not only enhance student success while in college, but also help prepare students to become leaders in their chosen health care fields. The core curriculum was designed to provide opportunities for students to share their unique skills and talents through service learning activities, as well as the option for further enrichment through academic travel abroad.

Mission Statement

The department of General Education emphasizes a general education curriculum relevant to students in the health sciences.

Philosophy

The Clarkson College General Education department provides foundations for personal, academic and professional success by integrating into the curriculum unique learning experiences directly related to health care.

General Education Objectives

- Examine aspects of communication (including written, verbal, nonverbal, social and therapeutic) that impact health care interactions in diverse patient populations.
- Discuss basic concepts widely used in addressing ethical dimensions of professional health care practice and policy.
- Demonstrate critical thinking skills by providing the opportunity for guided practice situations such as case studies and presentations.
- Comprehend the history of ideas and the history of health in social, artistic and political thought.

Department Outcomes

The goal of the Clarkson College General Education curriculum is to provide a broad foundation of understanding, knowledge and experience that builds on previous experience and serves as a basis for reaching personal and professional success. Specific objectives of the General Education curriculum are to:

- Provide appropriate and effective general education courses designed specifically to support the Clarkson College Mission.
- Provide support courses that permit students to expand their abilities in writing, mathematics, sciences, humanities and technology.
- Offer general education courses in formats that permit the communication of traditional knowledge and understanding through a variety of delivery systems.
- Develop leadership skills and talents in auxiliary areas that will provide Clarkson College students the opportunity to take leading roles in their chosen profession.
- Provide the required health care core curriculum, consisting of three courses, designed to enhance each student's success while in college as well as once they graduate.
- Provide a full scope of courses that stay flexible and innovative in assessing the needs of both the student and the institution and modify the curriculum to meet those needs.

Core Curriculum

All undergraduate students are required to complete the health care core curriculum as part of the General Education requirements. Associate and/or Bachelor degree students will be required to complete a nine credit hour core curriculum, which includes: Effective Interactions in the World of Health Care, A Cultural History of the Healing Arts and Ethical and Cultural Frontiers in U.S. Health Care. Students seeking a diploma will take three credit hours of core curriculum. The heath care core curriculum courses are designed to enhance

each student's success while in college as well as when they graduate and become leaders in their chosen health care fields.

General Education Requirements

While core curriculum courses are required, students have the option to choose courses from the General Education curriculum. This means students have an opportunity to customize the General Education curriculum to their own interests. Course descriptions are listed in alphabetical order according to the course prefix. Following each course title are the hours of credit received for successfully completing the course.

General Education Course Descriptions

ACADEMIC TRAVEL ABROAD

Students who have successfully completed one Academic Travel Abroad (ATA) course may travel a second or subsequent time without registering for a class. Students will pay travel costs but no additional course fees will be required. Students will sign a contract agreeing to listen to destination-specific lectures, completing the pre-trip notebook and meeting with Dr. Patricia Brennan before traveling.

HC 204 Core II: A Cultural History of the Healing Arts

Three semester hours
Core II: A Cultural History of the Healing Arts positions the history of health care within a cultural framework. The course reviews the social, intellectual, and cultural history of the healing arts from ancient times to the 21st century. Not limited to the Western tradition, this approach invites the student to identify and explore the people, practices, and beliefs that have shaped the healing professions. Consideration of the still-evolving role of the health-care professional includes the history of Clarkson College. Student engagement will be emphasized using a required service experience. This course can be taken on campus, online or through Academic Travel Abroad.
Prerequisite: *Successful completion of Core I.*

HC 280 International Health Care

One to two semester hours
International Health Care examines health care systems in other countries and compares them to the American health care system. Students will participate in international visits to hospitals and other historical health care sites in the country visited by students participating in the Academic Travel Abroad program.

HU 290 Special Topics in Humanities

One to three semester hours
Taken through Academic Travel Abroad, this course provides a first-hand introduction to the historical and artistic identity shaped by a Western (but non-American) culture. Foci may include the history (people, places, ideas, events) and the arts (architecture, sculpture, literature, painting) that reflect a unique cultural identity. This ATA course may be taken in conjunction with HC 204 and/or HC 280 and may be repeated as different cultures are visited and studied.

Another Travel Option

Clarkson College initiated a collaborative academic travel experience during the 2011-12 academic year. Students from Clarkson College, Nebraska Methodist and Bryan LGH now have the opportunity to experience cultural diversity and travel as well as an international view of health care through ATA 270.

ATA 270 Special Topics in ATA

This course is a team-taught variable credit course that satisfies one to three hours of General Education credit. It offers a first-hand introduction to the history, arts and health care systems of other cultures, including at least one hospital tour for students to interact with providers and educators from another system. The course may include more than one culture and may be repeated as different cultures are visited.

BIOLOGICAL SCIENCE

BI 122 Nutrition Science

Three semester hours
This course provides an introduction to basic nutrition information. Cultural differences in food behaviors are discussed in relationship to healthy dietary habits. The course furthers the study of nutrition as students are guided through the concepts of medical nutrition therapy (MNT). Medical nutrition therapy involves specific diseases or conditions requiring modifications of the nutritional components of the normal diet. Each modified diet has a purpose or rationale and its use is usually determined by the physician and/or dietitian.

BI 210 Microbiology (lecture and lab)

Four semester hours
Microbiology is a course designed to introduce students to microbial structure, classification and identification. The characteristics of bacterial, viral, fungal and protozoan diseases will be examined. The impact of microbiology on health care professions will be emphasized.
Prerequisite: *CH 110 and BI 211 are required for undergraduate nursing majors.*

BI 211 Anatomy (lecture and lab)

Four semester hours
Students will gain important concepts about human anatomy in preparation for their degree program coursework. Because knowledge of the human anatomy is essential in understanding and practicing methods used in their skill, anatomy will provide students anatomical foundation they will need to become successful as a student and a future practitioner.

BI 213 Physiology (lecture and lab)

Four semester hours
Physiology is a rigorous course designed for students pursuing health care careers. This course will provide a foundation of basic principles necessary for pathophysiology and pharmacology, as well as the study of related health care subjects. Emphasis is placed on relating anatomy to physiology, system connections, homeostatic mechanisms and clinical applications that will impact future patients. Instructional activities in lecture and lab are integrated to facilitate the application of basic principles and critical thinking to the health care field.
Prerequisites: *BI 211. CH 110 and BI 211 are required for undergraduate nursing majors.*

BI 222 Basic Anatomy and Physiology

Four semester hours (three semester hours class, one semester hour lab)
Basic Anatomy & Physiology is designed to learn important concepts about human anatomy and physiology in preparation for their degree course work. This course is an essential foundation. There are no prerequisites for the course.

BI 227 Pathophysiology

Three semester hours
Human physiological responses to disease, stress and the environment are studied; and pathophysiological processes are analyzed to provide the scientific rationale for nursing interventions. Diagnostic and medical treatment modalities are studied in conjunction with pathological dynamics.
Prerequisites: *CH 110, BI 210, BI 211 and BI 213.*

BI 290 Special Topics in Biology

One to three semester hours
This course focuses on topics of interest in specific areas of study selected by Clarkson College. The course may be repeated as different topics are offered.

BI 311 Cadaver Applications in Anatomy

Three semester hours
The focus of this course centers on expansion of foundational knowledge learned in BI 211 Basic Human Anatomy through cadaver dissection and lecture. This course proposes to add depth and detail regarding anatomical structures and systems already familiar to the student through specific cadaver lab participation. Correlation of pertinent regional anatomy to clinical cases will be emphasized when relevant. Lecture and lab will be held at the University of Nebraska Medical Center Cadaver Lab. Course is set up as one lecture hour and two lab hours.
Prerequisite: *BI 211 or equivalent.*

AN 805/BI 805 Cadaver Applications in Anatomy

Three semester hours
The focus of this graduate elective course centers on expansion of the graduate student's foundational anatomy knowledge, brought from their undergraduate and clinical experiences, through detailed cadaver dissection and lecture. Correlation of pertinent regional anatomy to clinical cases and/or areas of graduate study will be emphasized when relevant. Lecture and lab will be held at the University of Nebraska Medical Center Cadaver Lab. Course is set up as one lecture hour and two lab hours.
Prerequisite: *BI 211 or equivalent.*

CHEMISTRY

CH 110 General Chemistry I (lecture and lab)

Four semester hours
This course provides an introduction to the topics of inorganic chemistry, organic chemistry and biochemistry. Topics include: atomic structure and bonding; chemical reactions; nomenclature; gases; solutions; acids; bases and buffers; the function and structure of carbohydrates; lipids; proteins and nucleic acids; metabolic pathways and energy production. Emphasis will be placed on topics that relate to health care professions.

COMMUNICATION

CA 110 Introduction to Sign Language for Communicating with the Hearing Impaired

Three semester hours
An overview of the Beginning Signing Exact English including the development of Signing Exact English (SEE II), the history of deaf education and the strategies employed for developing expressive and receptive skills to enhance manual conversation.

CA 111 Introduction to Sign Language for Communicating with the Hearing Impaired II

Three semester hours
Continuation of CA 110, with emphasis on signing practice and refinement.
Prerequisite: *CA 110 or permission of instructor.*

ENGLISH AND LITERATURE

EN 101 English Composition I

Three semester hours
This introduction to college-level writing proposes to develop individual style and voice in papers that are fully developed, well organized and grammatically accurate. This process includes invention, outline, drafting, peer review, revision and editing. Expository methods may include the abstract, comparison and contrast, cause and effect, problem solution and literary interpretation. The best writers focus on topics important to them. Therefore, within certain parameters, the student will choose the topic and point of view of each writing assignment.

EN 102 English Composition II

Three semester hours

English Composition II provides advanced instructionand practice in the art of writing. This course builds on Composition I by surpassing expository writing and focusing instead on metacognitive analysis and research integration, via analysis of nonfiction and rhetoric-based texts.
Prerequisite: *EN 101 or equivalent.*

EN 202 Writing Advancement

This writing course emphasizes individual attention and small group activity for advancement of student writing. The focus will be on writing skills that usually need the most help: initial drafting, synthesis of ideas, revising for professionalism and American Psychological Association (APA) style. Activities that advance these skills are paired with technological writing techniques in order to advance writing and keep it competitive within the healthcare arena.
Prerequisite: *EN 101 and EN 102 or the equivalent.*

GENERAL

GEN 101 Strategies for Success

One semester hour
Strategies for Success will focus on the student who desires a successful career at Clarkson College. Topics such as time management, teaching and learning styles, finding and using information, note-taking, test-taking, reading and listening skills, decision making, getting along with others, money management and health and wellness will be explored.

Course Grade: Pass/No Pass
Prerequisite: *First year students new to Clarkson College with emphasis placed on student's admitted conditionally, non-traditional LPN students, and/or students who may benefits from extended orientation to college life.*

GEN 105 Medical Terminology

One semester hour
(One hour theory per week) This online course introduces the students to medical terminology utilizing word-building methodologies. The students will study various root words, prefixes, suffixes and connectors and develop their skills of analyzing, synthesizing, writing and communicating terminology pertinent to all health science-related disciplines.

HEALTH CARE

HC 104 Core I: Effective interactions in the World of Health Care

Three semester hours
Core 1 provides an introduction to patient interactions, focusing on patient-centered techniques and building professional cultural competence. This course seeks to increase student self-assessment and reflection, considering ongoing professional growth in cultural competence, whether new to health care or a seasoned professional returning for a new degree. Course focus is on holistic patient assessment, identifying the influencing factors in patient health, illness, and treatment. Student engagement in learning will include reflection, discussions, and other experiential means to broaden our worldview.
Note: *It is recommended that Core I be completed during a student's first three semesters at Clarkson College. This is a foundation course for subsequent Core II and Core III.*

HC 200 Health Care Sciences Update I

Three semester hours
This course provides a review of the structural and functional relationships of the human body. Key elements of biochemistry and cell biology will be refreshed before the review of organ systems. Special emphasis will be placed on neuroanatomy and physiology, cardiac and vascular physiology and renal physiology. Finally, the function of the immune system components during its protection of the body from pathogenic microorganisms and cancer, during hypersensitivities autoimmune diseases and during transplant rejection will be discussed.
Prerequisite: *Admission into RN to BSN program.*

HC 204 Core II: A Cultural History of the Healing Arts

Three semester hours
Core II: A Cultural History of the Healing Arts positions the history of health care within a cultural framework. The course reviews the social, intellectual and cultural history of the healing arts from ancient times to the 21st century. Not limited to the Western tradition, this approach invites the student to identify and explore the people, practices, and beliefs that have shaped the healing professions. Consideration of the still-evolving role of the health-care professional includes the history of Clarkson College. This course can be taken on campus, online or through Academic Travel Abroad.
Prerequisite: *Successful completion of Core I.*

HC 205 Health Care Sciences Update II

Three semester hours
Current knowledge and insights in pathophysiological processes are analyzed to provide the scientific rationale for pharmacological advances used in today's health care environment.
Prerequisite: *Admission into RN to BSN program.*

HC 210 Health Care Sciences Update III

Three semester hours
This course provides a review of the basic principles of microbiology and biochemistry. The student's basic biochemistry knowledge will be expanded to include: stereochemistry, biomolecular chemistry, enzymology, PH influences, bioenergetics, metabolism, biosynthesis, amino and nucleic acids, lipids, proteins, genetic coding and pathways in cellular metabolism. The student's basic microbiology knowledge will be expanded to include the structure, function and characteristics of bacteria, viruses, fungus and protozoa.
Prerequisite: *Admission into RN to BSN program.*

HC 220 Gerontology

Two semester hours
This course is an introduction to the field of human aging. The course of study will include a multidisciplinary examination of the way in which human aging is viewed, how we perceive the process of growing older and how society responds to the issues and problems of aging. The class will look at aging from the perspective of the social and political sciences, biological sciences, arts and humanities, care-giving and independent living, especially with the advent of the Baby Boomers in mind.

HC 230 Community-Based Cultural Exploration

Two semester hours
This course takes the student on a journey into the Omaha-metro area (or local proximity for online students), learning about different cultures, religious faiths and ethnic populations through an immersion experience. The course is a balanced approach with reading, study and classroom activities designed to challenge one's own areas of possible bias, stereotype and limited understanding with community-based explorations through field trips, tours and guest speakers. Students must have access to transportation for off-campus activities and be willing to comply with business/professional dress code expectations as needed out of cultural respect. Activities will be connected to improving cross-cultural understanding and communication as well as linkages to providing health care to patients of diverse backgrounds.
Prerequisite: *HC 104.*

HC304 Core III: Ethical & Cultural Frontiers in U.S. Health Care

Three semester hours
Core III: Ethical & Cultural Frontiers in U.S. Health Care is designed to provide students with an understanding of how sociocultural factors influence health care and biomedical ethics. Sociological and historical approaches will be examined to enhance the student's understanding of modern biomedical ethical dilemmas. Students will be introduced to frameworks and concepts useful to approaching, understanding, and resolving ethical issues. This course emphasizes the value of being able to apply this information at the individual, family, organizational and community levels.
Prerequisites*: Successful completion of Core I and Core II, second year standing in any Clarkson College degree program.*

HEALTH CARE SERVICES

The Bachelor of Science degree in Health Care Services courses are also available as General Education electives.

MATHEMATICS

MA 101 Introduction to Algebra

Three semester hours
Basic concepts of the real number system, polynomials, first-degree equations, algebraic fractions, radicals and quadratic functions. For students needing a refresher course prior to College Algebra I.

MA 120 College Algebra

Three semester hours
Covers axioms of real and complex numbers; equations and inequalities in a variable and solutions of these systems; polynomial, exponential and logarithmic functions.
Prerequisite: *Two years of high school algebra, MA 101 or permission of the instructor.*

PHYSICAL EDUCATION/ACTIVITY

PE 210 Promotion of Healthy Living

Three semester hours
An overview of the promotion of healthy living, including the determinants of healthy behavior, the models and theories that provide a framework for predicting healthy behavior, and the strategies employed to bring about behavioral changes for health and disease prevention.

PE 291 Self Defense

Two semester hours
Self-defense is a state of mind as well as a set of physical skills. In this course you will learn self- defense techniques and develop the self-confidence and control needed to execute them properly with an appreciation for the individual's physical abilities. This course will also help to broaden your base of knowledge of violence against women, teens, and safety measures for you and your family.

PSYCHOLOGY

PY 101 Introduction to Psychology

Three semester hours
Introduction to psychology is a course designed to acquaint students with the history, development and present status of the science of psychology. Students will be exposed to areas of behavior, cognition and learning; and special emphasis will be placed on the study of abnormal psychology and its impact on health care.

PY 200 Human Development

Three semester hours
A comprehensive exploration of the physical, psychosocial, cognitive and emotional development of individuals across their life span including the effect of culture on growth.

PY 220 Dying and Death: Perspectives for Health Care Providers

Two semester hours
This course engages students in reading, activities and field trips that promote an increased understanding of topics related to dying, death and bereavement. Recognizing the role of the health care provider in direct and supportive care of patients at end of life, this course considers the impact of dying, death and bereavement for both the patient and surrounding loved ones. Emphasis is placed on practical interventions and increasing the confidence of providers at this unique time in the lifespan. Activities may include service experience and tours of topic-related agencies. Students must actively participate in such attendance for successful completion of the course.

SOCIOLOGY

SO 101 Introduction to Sociology

Three semester hours
Overview of the principles and methods of human behavior in groups. Includes group dynamics, cultural variation and social change.

SO 220 Medical Sociology

Two semester hours
This course introduces students to some of the main topics of medical sociology: the social construction of health and illness; inequalities in the distribution of illness and health care; the organization of health care work; the medical profession and the health care system. Students will learn about such topics as who gets sick and why; how health professions have evolved in the United States and how the health care landscape has been divided among professions; why individuals in medical occupations typically have more authority and receive higher incomes in the U.S. than elsewhere; what the relationship is between hospitals and other health care organizations and how that relationship has changed over time.
Note: *Successful completion of SO 101 or equivalent is recommended before registration for SO 220.*

SPANISH

SP 103 Spanish for the Health Care Provider-Introduction

Three semester hours
In this introductory course, students will be exposed to the basic Spanish language principles and learn practical vocabulary and insights into Hispanic cultural views on health care aimed at providing a foundation for basic conversation with Hispanic patients and family members.

SP 104 Spanish for the Health Care Provider-Conversation

Three semester hours
This course is designed to provide students with intense conversation practice and advanced vocabulary for medical personnel to improve fluency and ease of expression in successfully managing interactions with Spanish-speaking individuals.
Prerequisite: *SP 103 Spanish for the Health Care Provider-Introduction*

STATISTICS

ST 310 Statistics

Three semester hours
Introduction to the fundamental principles of statistics, including the ability to describe a data set and interpret what the description of the sample says about the population as a whole. An examination of the relationship between probability, chance events and statistical tools will lead to an appreciation of the importance of statistics, both in research and in the real world.

ST 410 Advanced Statistics for Public Health Care

Three semester hours
Advanced Statistics will provide an introduction to statistical experimentation and research methods with applications to health sciences. Concepts of estimation and inferences will be covered. Systematic coverage of the more widely used statistical methods, including simple and multiple regression, single factor and multifactor analysis of variance, multiple comparisons, goodness of fit tests, contingency tables, nonparametric procedures, and power of tests. Students are expected to complete a data-based project as part of the course requirement.
Prerequisite: ST 310 or equivalent

Professional Development

Director of Professional Development
Judi Dunn, M.S., B.S.N., R.N.
PH 402.552.6123 **TF** 800.647.5500
dunn@clarksoncollege.edu

For assistance and/or more information about programs offered, please contact professionaldevelopment@clarksoncollege.edu.

Introduction

The Clarkson College Professional Development office is dedicated to assisting health care professionals in their pursuit of lifelong learning.

Professional Development encompasses a broad spectrum of programs and courses, intended for adult learners. It involves developing an individual's knowledge, skills and attitudes to ensure that they can work confidently and effectively.

Learning activities may include non-degree career training, skill development for maintaining a specific career path and post graduate continuing education. These activities are intended to build on the educational and experiential bases of individuals. They are designed to enhance practice, education, administration, and further research or theory development with the goal of improving the health of the public.

The Professional Development office seeks to provide leadership to help establish and support the development of the following objectives:

- Sustaining learner attitudes on the value of lifelong learning.
- To provide College-sanctioned continuing education activities that meet accreditation standards established by sponsoring professional societies and organizations so as to contribute to the progress, maintenance and enhancement of competent practice.
- Design, implement, evaluate, direct and administer the Nurse Refresher, Nurse Aide and Medication Aide courses.
- Assisting College faculty, staff and alumni in promoting professional growth and advancing career goals.

- Collaborating with our constituencies to expand their knowledge base and stay relevant in the changing world of health care services.

Allied Health Continuing Education

The consistent development and delivery of quality continuing education programs that are relevant to allied health professionals and demonstrate a commitment to lifelong learning are offered. Theory, skills and practical application in a variety of topics are provided for the areas of Radiologic Technology, Medical Imaging and Physical Therapy.

Continuing Nursing Education

Continuing nursing education within Professional Development will contribute to the refinement, enhancement and maintenance of competence in nursing practice, theory, research, administration and training. It will be planned, implemented and evaluated according to perceived and observed needs. It should support professional and personal growth, further the nursing profession and promote self-directed learning. It will provide opportunity for increasing competence, thoughtfulness, ethics and compassion in nursing professionals, in a variety of nursing settings. Finally, it will be innovative, anticipating change in health care systems, technologies and society.

Continuing nursing education programs may include both theory and practice. Innovative practice, in accordance with established adult education principles, will be employed and learners will be encouraged to be actively involved in the learning process. Continuing nursing education will be planned to meet a variety of learning style needs, by providing stimulating, topical, informative and participatory learning experiences. Continuing nursing education will be delivered through convenient, affordable methods and systems to reduce barriers in attendance.

Clarkson College is an approved provider of continuing nursing education by the Nebraska Nurses Association (NNA), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Approved Iowa Provider #345

Health Information Management Continuing Education

Continuing education is offered online, on-site to advance an individual's career and knowledge in the Health Information Management (HIM) field. Courses are developed, implemented and evaluated to improve personal and professional growth and advancement. Theory, skills and practical application are provided to enhance competence in all aspects of health care business. Courses are appropriate for billers, coders, auditors, compliance officers, non-physician providers, managers and directors.

Programs Offered Through Professional Development

NR 100 RN/LPN Refresher Course Theory
NR 101 RN/LPN Refresher Course Skills Lab
NR 102 RN/LPN Refresher Course Clinical Rotation

A course of study is offered for nurses who have inactive or lapsed nursing license status and desire to return to clinical practice. The Nurse Refresher course is not classroom-based. The theory portion of the course is done through home-study. In addition, participants complete an on-campus skills lab day and a clinical rotation at a local medical facility.

NA 100 Nurse Aide (CNA) Course

Regularly scheduled courses are offered which provide training for the non-licensed individual to provide safe, effective and caring services to patients, residents and clients in many health care settings. Courses are approved by the Nebraska Department of Health and Human Services (NDHHS). Students successfully completing the course receive a certificate of completion from Clarkson College and may qualify for placement on the State of Nebraska Nurse Aide Registry. Courses are offered in Omaha both during the day and during the evening. College credit is not provided for this course.

Prerequisites:

- 16 years of age,
- Ability to read, speak and understand the English language,
- Be in good health and able to lift 50 lbs.

Applicants need to be aware of the eligibility requirements for placement on the state registry and/or for employment. Persons with a criminal record, substance abuse problems or health problems that would interfere with safe practices may be ineligible for placement on the state registry or for employment.

NA 101 and NA 102 Nurse Aide Competency Examinations

Individuals who meet the NE Department of Health & Human Services requirements for reinstatement of their placement on the Nurse Aide registry may complete either the written and/or clinical competency examinations through Clarkson College.

MA 100 Medication Aide (CMA) – *40 hour course*

This course meets State of Nebraska requirements for 40 hour training of individuals to provide medications in nursing homes, assisted living centers, intermediate care facilities for the mentally retarded, schools, child care settings or patient homes. A medication aide is trained to work under direct supervision of a caretaker or a licensed health care professional. They provide routine medications by the oral, inhalation, topical and instillation routes when appropriate direction and monitoring is provided. The State of Nebraska Medication Aide written examination is handled outside the scope of this course. College credit is not provided for this course.

Prerequisites:

- Must be able to read, speak and write English.
- Competent in basic mathematics skills.
- Earned high school diploma or successfully passed the general educational development (GED) test.
- Proof of current certification in American Heart Association Basic Life Support for the health care provider (CPR with AED training).
- Successful completion of an approved Nurse Aide course (or its equivalent) or minimally six months recent experience working as a Nurse Aide is required to register. Proof of current placement on

Nebraska Nurse Aide Registry must be provided prior to start of course.
- Must be 18 years of age or older.
- Applicants need to be aware of the eligibility requirements for taking the state certification testing and employment. Persons with a criminal record, substance abuse problems or health problems that would interfere with safe practices may be ineligible for state testing and/or employment. Many employers may require an individual to be a Nurse Aide (CNA) before allowing them to function as a Medication Aide.

MA 101 Medication Aide Competency Assessment

Medication aides, child care providers and staff members of schools must demonstrate competency in the provision of medication. Prior to placement of a medication aide on the registry, documentation must be submitted to the Nebraska Department of Health & Human Services. Individuals may complete this Competency Assessment through Clarkson College.

Life Support Courses

Clarkson College is an approved American Heart Association (AHA) Training Center. AHA Certification Courses are designed to teach health care professionals and non-health care professionals the skills of Basic Life Support (CPR) and relief of foreign body airway obstruction and the use of an external defibrillator (AED).

AHA two-year certification courses are intended for those who must meet licensure or credentialing requirements. However, certified or non-certified individuals are eligible to enroll in the AHA Basic Life Support and First Aid courses. The Advanced Cardiovascular Life Support Course is for those will provide their knowledge and skills for the patient in critical care within the first 10 minutes of cardiac arrest.

LS 100 Basic Life Support Course: Initial
LS 101 Basic Life Support Course: Renewal

The initial BLS health care provider course teaches CPR skills for helping victims of all ages (including doing ventilation with a barrier device, a bag-mask device and oxygen); use of an automated external defibrillator (AED); and relief of foreign-body airway obstruction (FBAO). It's intended for participants who provide health care to patients in a wide variety of settings, including in-hospital and out-of-hospital for certified or noncertified, licensed or non-licensed health care professionals. Upon successful completion of the written examination, the course participant will receive a two-year American Heart Association (AHA) certification card.

The renewal BLS health care provider course renews health care providers who are current in American Heart Association health care provider training. The course provides a review of current AHA guidelines for basic life support. Successful completion of the course requires the participant to be able to demonstrate skills learned and pass the AHA examination for health care providers.

Health care provider courses are offered regularly at the Clarkson College campus. The staff will also make arrangements with organizations and businesses to provide training on-site (dependent upon instructor availability).

LS 090 Heartsaver First Aid Course with CPR and AED

The Heartsaver First Aid Course and the Heartsaver AED Course provides the skills to effectively assess and maintain life from the critical minutes immediately following an emergency, until the arrival of emergency

medical services personnel. The course also provides corporations with a complete health and safety training solution for First Aid, CPR and AED.

LS 200 Advanced Cardiovascular Life Support (ACLS): Initial
LS 201 Advanced Cardiovascular Life Support (ACLS): Renewal

The American Heart Association's Advanced Cardiovascular Life Support course is for health care providers who direct or participate in the resuscitation of a patient, whether in or out of hospital. Through the ACLS course, providers will enhance their skills in the treatment of the adult victim of a cardiac arrest or other cardiopulmonary emergencies. ACLS emphasizes the importance of basic life support CPR to patient survival; the integration of effective basic life support with advanced cardiovascular life support interventions; and the importance of effective team interaction and communication during resuscitation.

ACLS is based on simulated clinical scenarios that encourage active, hands-on participation through learning stations where students will practice essential skills individually, as part of a team, and as team leader. Realistic simulations reinforce the following key concepts: proficiency in basic life support care; recognizing and initiating early management of peri-arrest conditions; managing cardiac arrest; identifying and treating ischemic chest pain and acute coronary syndromes; recognizing other life-threatening clinical situations (such as stroke) and providing initial care; ACLS algorithms; and effective resuscitation team dynamics.

Online Education

Coordinator of Online Education
Linda Nieto
PH 402.552.3039 **TF** 800.647.5500
nieto@clarksoncollege.edu

Clarkson College offers a number of online education courses each semester. Courses are organized into two 15-week semesters (fall and spring), and one 12-week summer session and six-week courses.

Online education is not for everyone, and students are encouraged to discuss the responsibilities of completing coursework or programs through online education with the Director of the Center for Teaching Excellence. Expectations of online education students are the same as students attending classes on campus. An online course will take at least the same amount of time as a traditional course. Time spent in the classroom is replaced with reading, completing assignments, listening to presentations and participating in online discussions.

Support services are provided to ensure online education students have similar access to the educational resources available on campus. Online education refers to the method by which instruction is delivered. Clarkson College may limit the number of courses offered via online education.

Admissions

Online education students follow similar admission processes as students attending on-campus courses and are governed by the same policies found elsewhere in this catalog. Contact the Admissions office for further information.

Advising

Advising for the online education student is handled by the academic advisors. These individuals are ready to provide personal service and attention to students' needs. They can direct and guide students to resources in

support of the coursework and answer questions. Clarkson College advisors are only a phone call or email away.

Online Education Test Proctors/Preceptors

Students enrolled in online courses that require exam proctoring services may use our local Testing Center, which is the default proctor for all students. If the student is unable to use our local facility, they must submit a Test Proctor Change form to the Coordinator of Online Education by the end of the first week of class. Detailed instructions are listed in the Online Education Manual posted on the College website.

Online education students completing courses that require preceptors are encouraged to enroll early and complete all the necessary paperwork for identifying a preceptor prior to the semester in which the preceptor will be necessary.

Equipment/Software Requirements and Internet Service Provider

Students enrolled in an online education course MUST download the Online Education Manual for the latest computer hardware and software requirements.

If a student is thinking about purchasing a computer and/or software, they can call the Clarkson College Director of the Center for Teaching Excellence at 800.647.5500. The Director can assist in identifying the equipment and software that will best serve a student while attending Clarkson College.

Some programs require students to visit campus for a skills assessment. Contact the appropriate department for current information concerning campus visits for skills assessment.

Financial Aid

Online education students qualify for financial aid under the same regulations as students attending courses on campus. Refer to the Student Financial Services section of this catalog for specific qualifications and regulations for financial aid.

Preliminary Degree Plan

Clarkson College offers online education students information about the length of time and the number of courses necessary for completion of their degree program prior to seeking admission to the College. This is accomplished through a preliminary degree plan. After the student discusses their educational goals with the admissions counselor and provides copies of previous college transcripts, a personal degree plan is developed.

The plan includes the courses the student is required to complete, the courses which will be accepted in transfer, the proposed coursework credit the student will receive for past military or work experience and the sequence for completing the student's desired degree, based upon the student's workload.

The plan is preliminary until official transcripts verifying the courses the student has completed are reviewed and assessed by the College Registrar. The plan does not obligate the student to attend Clarkson College but provides them with the information needed to make a decision.

Schedule of Classes

Each semester, the schedule of classes identifies the courses being offered through online education. The schedule of classes can be accessed through the Clarkson College website.

Textbooks

In order to receive textbooks in a timely manner, it is suggested that online education students purchase their books as soon as they have registered for class.

Programs Offered Through Online Education

Minors

- Health Care Business
- Gerontology
- Public Health

Certificates

- Health Information Management
- Imaging Informatics
- Long-Term Care Administration
- Public Health

Associate of Science Degree

- Health Information Technology

Bachelor of Science Degrees

- Health Care Business with a major in Health Information Administration and Management
- Health Care Services
- Medical Imaging
- Registered Nurse (RN) to Bachelor of Science in Nursing (BSN)

Post-Baccalaureate Certificates

- Health Information Administration

Master of Science Degrees

- Health Care Administration
- Nursing with options in: Adult–Gerontology Primary Care Nurse Practitioner, Family Nurse Practitioner, Nursing Education, Nursing Health Care Administration Registered Nurse (RN) to Master of Science in Nursing (MSN)

Post-Master's Certificates

- Health Care Administration
- Nursing with options in: Adult–Gerontology Primary Care Nurse Practitioner, Family Nurse Practitioner, Nursing Education, Nursing Health Care Administration

Doctoral Degrees

- Health Care Education and Leadership (EdD)
- Nursing Practice (DNP)

Reserve Officers' Training Corps

UNO ROTC
PH 402.554.2318
www.unomaha.edu/~afrotc

Creighton Army ROTC
PH 402.280.2828
www.armyrotc.com/edu/creighton/

For students interested in pursuing an ROTC program while working on their undergraduate degree, Clarkson College makes it possible to do so. Through a partnership agreement with Clarkson College, students may choose from the Army Officer Training Corps program at Creighton University. Students also may decide on the Air Force ROTC program at the University of Nebraska at Omaha.

Air Force ROTC

Air Force ROTC training leading to a commission as a lieutenant in the United States Air Force is available to qualified Clarkson College students through the AFROTC program at the University of Nebraska at Omaha (UNO). Clarkson College students register for the courses at Clarkson College but attend Aerospace Studies classes at UNO while pursuing their degree at Clarkson College. This opportunity results from an agreement between the College and UNO. Students interested in this program should contact UNO ROTC at 402.554.2318.

The following course descriptions are of Aerospace Studies offered by Clarkson College through the four-year UNO program.

AES 001 Leadership Laboratory

AFROTC Leadership Laboratory provides initial and advanced military leadership experiences including cadet squadron operations, commanding, training, recruiting, communicating, drill and ceremonies, customs and courtesies, career planning and staff action practice designed to simulate the professional world of the Air Force officer. Leadership Laboratory is an integral part of all Aerospace Studies courses. All cadets must participate.

AES 131-132 The Air Force Today

A survey of the USAF with students studying the mission, function and organization of the Air Force. Emphasis is placed on the major Air Force commands, the environment in which the Air Force operates and how the Air Force works in coordination with the military services. This course provides a basic understanding of the armed forces of the Air Force.

AES 231-232 The Development of Air Power

An introduction to the study of air power. The course is developed from the historical perspective starting with the Wright Brothers and continuing through the 1990s. Emphasis is placed on factors contributing to change in the nature of military conflict and leading to the development of air power as a primary element in national security.

AES 311-312 Air Force Management and Leadership

A study of management from the point of view of the Air Force junior officer. Basic managerial processes, individual motivational and behavioral processes, organizational and group dynamics of change, leadership and communication are discussed to provide a foundation for the development of junior officer professional skills. Actual Air Force case histories are used.

AES 411-412 National Security Forces in Contemporary American Society

The armed forces as an element of society, with emphasis on the broad range of American civil-military relations and the environmental context in which U.S. defense policy is exercised. Course themes include the role of the professional military leader-manager in a democratic society; political, economic and social constraints on the national defense structure; the military justice system; and the variables involved in the formulation and implementation of national security policy.

AES 490 Advanced Air Force Leadership/Planning Seminar

This course instructs Air Force officer candidates on advanced leadership principles and planning/organizational skills through a series of group and individual projects. Special emphasis is placed on communication skills. In addition, topics on performance feedback/reporting, drill and ceremonies and ethics are discussed.

Army ROTC

The Army Officer Training Corps program at Creighton University has a partnership agreement with Clarkson College. This agreement affords Clarkson students the opportunity to participate in the Army ROTC program at Creighton while pursuing an undergraduate degree at Clarkson College. Students interested in this program should contact Creighton University Army ROTC at 402.280.2828.

Military Science is an elective managerial training program designed to develop college men and women for positions of leadership and responsibility as junior officers in the U.S. Army, Army Reserve or Army National Guard, or for subsequent managerial careers in civilian industry.

Its curriculum encourages reflective thinking, goal setting and problem-solving through an interdisciplinary study of leadership and managerial principles. Specifically, the program is structured to develop skills in the following areas: interpersonal-motivation, decision-making, communication and general supervision. Compatible with any academic major, the program enhances the student's development in college and is open to undergraduate and graduate students.

The Army ROTC program offers two-, three- and four-year programs of instruction. The program itself is essentially divided into two parts: the basic course (100- to 200-level courses) and the advanced course (300- to 400-level courses). The basic course, normally taken during the freshman and sophomore years, is designed to familiarize the student with the military, the role of an Army officer, and the fundamentals of effective leadership. It is open to all students and incurs no obligation whatsoever. Thus, it affords an opportunity to see what ROTC is all about while qualifying the student to enter the advanced course.

It is the advanced course, however, that represents the real officer development portion of ROTC. While the basic course provides fundamental knowledge in leadership, the advanced course refines and further develops managerial talents through leadership seminars and extensive practical application. Additionally, the student develops basic military skills common to the Army. Students successfully completing the advanced course will be commissioned as second lieutenants in the U. S. Army, Army Reserves or Army National Guard. Admission into the advanced course is by Military Science department approval.

The student with prior military service, Reserve/National Guard service or four years of high school ROTC, however, may be given equivalency credit for the basic course and allowed to proceed directly into the advanced course. Likewise, other students are afforded the same opportunity for the two-year program through an accelerated five-week summer program in lieu of the basic course. All ROTC students are eligible to compete for two- and three-year scholarships. Advanced course students receive $150 per month, up to 10 months a year, for a subsistence allowance.

Students who are members of the Army Reserve or National Guard and who have attained sophomore status may enroll in the ROTC advanced course without taking any basic course classes. They must graduate no later than eight months after commissioning.

Those students qualifying for this two-year program will receive $150 per month in pay as a subsistence allowance and may also receive tuition assistance of 50 percent if in the Army Reserve or Army National Guard.

After the junior year, ROTC cadets attend Advanced Camp. This is five weeks of intensive leadership and management training conducted during the summer months at Fort Lewis, Wash. The student's ability to lead their unit and to plan and conduct small unit operations is thoroughly evaluated. Travel pay and salary stipend are provided through the Army.

Nursing students may also attend the Nurse Summer Training Program (NSTP) after their junior year. The clinical phase is three weeks long and takes place at various Army Medical Centers across the United States, including Hawaii. Students work on a nursing unit in a preceptor program with an Army nurse. They receive valuable clinical and leadership skills before heading into the senior year at school. NSTP is optional; however, it is highly recommended as students receive valuable training and experience. Travel pay and salary stipend are provided.

The following course descriptions are the Military Science courses offered at Clarkson College through Creighton University's Army ROTC program.

MIL 100 Leadership Laboratory

Leadership Laboratory provides basic and advanced military leadership experience in military courtesy, drill and ceremonies and practical application of classroom-taught subjects. Functions and responsibilities of leadership positions are developed through cadet staff actions and command positions. Leadership Laboratory meets Fridays from 6:30 to 8:00 a.m. at the Peter Kiewit Fitness Center at Creighton University. ***Note:*** *All military science scholarship and advanced course students must register for MIL 100.*

MIL 101 Introduction to Officer Professionalism I

Examines the role of the commissioned officer in the U.S. Army. Discussion focuses on the role and organization of the Army, role of the National Guard and Reserve, branches of the Army, sources of commissions, role of the non-commissioned officer, customs of the service, military pay and benefits, career opportunities and scholarships.

MIL 202 United States Military History

This course will introduce students to the history of the American military establishment and its relationships to American society from colonial times to the present. Students will become acquainted with the evolution of warfare, military theory and the military profession, with particular emphasis on the place of military institutions in society, so as to develop a sense of historical awareness.

MIL 205 Basic Camp-ROTC

Six weeks of training at Fort Knox, Kentucky. Travel pay and salary stipend provided through the Department of Military Science. The student is not obligated to any military service as a result of attending Basic Camp. Camp graduates are eligible to enroll in Advanced Military Science courses and can compete for two-year military science scholarships.

MIL 206 Basic Camp-SMP

Under the Simultaneous Membership Program (SMP), students who have completed an Army, Army National Guard, or Army Reserves Basic Training Camp may receive credit for the first two years of Army ROTC and enter the ROTC Advanced Program culminating in the awarding of a commission as a Second Lieutenant in the Army Reserve or Army National Guard in two years. Contact the Military Science Department at Creighton University for further details.

MIL 207 Fundamentals of Army Ranger Training

Course designated to challenge the individual in leadership, physical endurance, special operations and small-unit tactics. Competitive area success would lead to regional championship participation at Fort Lewis, Washington.
Prerequisite: *Creighton University Department approval.*

MIL 208 Advanced Army Ranger Training

A continuation of Military Science 207.
Prerequisite:*Creighton University Department approval.*

MIL 211 Basic Individual Military Techniques

Develops student leadership and critical individual skills. Training is basic in nature and includes leadership techniques, written and oral communication, rifle marksmanship, fundamentals of land navigation and physical fitness.
Prerequisites: *MIL 100 and MIL 101.*

MIL 212 Advanced Individual Military Techniques

Continues the development of student leadership and critical individual military skills. Training focuses on advanced military skill and includes orientation to field survival skills operation and training.
Prerequisite: *MIL 211.*

MIL 301 Advanced Leadership I

Students can learn the fundamentals of land navigation, the role and functions of a military line and staff organization, the role of the non-commissioned officer, training management, how to prepare military correspondence, how to conduct oral presentations and how to arrange and conduct meetings and conferences. Includes physical training.
Prerequisite: *Department approval and/or enrollment in MIL 211 and MIL 212.*

MIL 302 Advanced Leadership II

Students learn the fundamentals of small-unit leadership skills and tactics, how to conduct personal, performance and discipline counseling, and how to examine leadership case studies in detail. Includes

physical training.
Prerequisite: *MIL 301.*

MIL 307 ROTC Advanced Camp Training

The ROTC cadet attends five weeks of intensive leadership and management training. The training is conducted during the summer months at Fort Lewis, Washington. The student's ability to lead their unit and to plan and conduct small unit operations is thoroughly evaluated. Travel pay and salary stipend are provided through the Army.
Prerequisites: *MIL 301 and MIL 302.*

MIL 401 Military Professionalism and Ethics

Leadership seminar on military ethics, ethical reasoning, decision-making and values clarification. Contemporary problems and ethical issues are discussed using the case study method. Entering a new organization, communications and human relations skills, the importance of power and influence are learned. Includes physical training.
Prerequisite: *MIL 301 and MIL 302 or Creighton University Department approval.*

MIL 402 Military Management Seminar

Develops military management skills by providing a working knowledge of the Army personnel management system, the military justice system, the Army logistical system and post and installations support agencies. The focus of this course is to provide an understanding of basic leadership and management skills required by newly commissioned officers.
Prerequisite: *MIL 401.*

MIL 495 Directed Independent Study

A Military Science course designed to consider an issue or field of interest that relates to the military establishment. Student should contact a designated faculty member for specific course requirements prior to registration.
Prerequisite: *Creighton University Department approval.*

General Information

Clarkson College
101 South 42 Street Omaha, NE 68131-2739
PH 402.552.3100 **TF** 800.647.5500

This section contains general information about the College, its facilities and its rich history of educating health care students.

Since 1888, the College has experienced both triumphs and challenges that have strengthened the institution and allowed it to flourish. It began with the dream of Bishop Robert H. Clarkson in the late 1800s to establish a hospital in Nebraska. It continued with the dedication of his wife, Meliora, to develop a training school for nurses.

Today, Clarkson College continues to build on a tradition of innovative education that anticipates changes in health care systems, technology and society. The individuals we serve have always been and will continue to be our success.

About the College

Clarkson College is a private, non-profit college that offers certificates, undergraduate degrees, graduate degrees and post-graduate certificates in health sciences and health care business.

Clarkson College exists to educate and ensure the personal and professional development of individuals seeking a career in health care. Through various activities, the College provides an intellectual environment for the development of literate, knowledgeable and scholarly individuals motivated to pursue lifelong learning and capable of solving problems through the health care disciplines in which they major.

The success of each student at Clarkson College is the center of the College Mission. For this reason, faculty works closely with students as teachers, mentors, advisors and role models. Faculty and staff are friendly and helpful and care about your progressand success.

The College also provides a variety of co-curricular experiences on campus. The opportunity to serve in student groups and organizations, College committees or to participate in service promotes development of interpersonal skills and experiences that assist students in attaining personal and career success.

Students at Clarkson College may choose to study in any one of several areas in the Nursing, Health Care Business, Health Care Services, Radiologic Technology, Medical Imaging/Imaging Informatics and Physical Therapist Assistant.

The Clarkson College Professional Development office is dedicated to assisting health care professionals in their pursuit of lifelong learning. Professional Development encompasses a broad spectrum of programs and courses intended for adult learners. It involves developing an individual's knowledge, skills and attitudes to ensure that they can work confidently and effectively.

Online Education provides students who are unable to attend classes on campus an opportunity to complete their education in a flexible setting suitable for their individual lifestyle. Accessibility, convenience and personalized instruction make the Online Education experience a popular option.

Students are central to decisions made and are included in many of the operational activities of the College through the Student Government Association (SGA) and other organizations.

Clarkson College delivers a high-quality education emphasizing early hands-on experiences, personal attention from faculty, flexibility in program selection and high first-time pass rates on board examinations for graduates. The College prepares students for a profession embedded with opportunities and the potential of multiple careers that enable a variety of jobs, settings, geographical locations, colleagues and salary potential.

Board of Directors

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Amanda Hanlin

**Past Chair*

Diversity

Clarkson College recognizes that we live in a diverse society. We value the diversity of our employees, students and the community, and strive to create an environment where all people have equal opportunity. Clarkson College complies with all applicable federal, state and local laws relating to discrimination and does not discriminate on the basis of race, color, religion, ancestry, sexual orientation, physical or mental disability, age, national origin, ethnicity, sex, veteran's status or marital status in the administration of its educational programs and policies, financial aid, activities or other school administered programs.

The following designated position coordinates the Clarkson College effort to comply with the regulations implementing Title IX, Section 504 and the Age Act:

Vice President of Operations
Clarkson College 101 South 42 Street Omaha, NE 68131-2739 PH 402.552.6109

We will demonstrate our commitment to diversify through the following actions:

- We will create an environment where all people are treated with dignity and respect, and where difference is valued.
- We will create an atmosphere where all people feel welcomed, and where their unique cultural differences are respected.
- We will create an environment where all people have the same ability to provide and receive quality health care education. This will include awareness of the many cultural barriers, language and customs of our employees, students and the community in order to provide health care education to a diverse population.
- We will openly embrace the diversity of our employee, student and customer population. We acknowledge that creating a diverse environment must have the support and commitment of all levels of the organization.
- We will celebrate diversity to create an environment of inclusion.

Facilities

The Student Center houses the campus bookstore, community lounge, mailboxes, café and Student Government Association office on the first floor. On the second level, Howard Hall, a multi-purpose room, provides gym space as well as seating for 400 people. Next door is the J.W. Upright Success Center, which caters to the study, tutoring and counseling needs of students.

In the main building at 42 and Dodge Streets, the lower level (LL) houses the Professional Development office, Life Support training center, Nurse Aide classroom, Testing Center and skills laboratory for the Radiologic Technology and Medical Imaging programs. The Educational Resource Center (ERC) is also located in the lower level.

On the first floor lobby of the College main building you will find the Student Services Suite. The Admissions, Registrar, Student Financial Services and Manager of Facilities offices are housed in this suite. The Student Services Suite provides centralization of student services and information to students and visitors. The first floor also houses classroom 110.

The second floor houses the College Library. Maintaining convenient hours, the Library provides students with knowledgeable staff and resources necessary to complete projects and conduct research.

The second floor also houses classrooms and a science lab for the anatomy, physiology, chemistry and biology classes. Just beyond the science lab is Second Floor South, which houses the Center for Teaching Excellence (CTE) and the skills laboratory for the Physical Therapist Assistant program.

The Center for Teaching Excellence (CTE) was established in 2008 to support teaching and learning at Clarkson College by assisting faculty and academic programs in their continued pursuit of course improvement and student learning. CTE manages and coordinates instructional design, faculty development, online education, testing center, diversity, community service, Service-Learning, accommodations, and institutional effectiveness services for faculty and academic program needs.

The third floor provides the College with a multipurpose area that can quickly be configured as two large rooms or three areas for instruction, activities or workshops. The third floor also houses the College computer lab. The Health Care Business program's faculty members are also located on the third floor.

Located on the fourth floor are classrooms and the offices for the Director of Radiologic Technology and Medical Imaging and the Technology and Computer Services department. Also housed on the fourth floor is the Nursing Skills Lab and state-of-the-art Simulation Lab.

Clarkson College faculty offices, the Director of Undergraduate Nursing and the Assistant Director of Undergraduate Nursing are located on the fifth floor.

The sixth floor of the College houses the administrative offices of the President, Vice President of Academic Affairs, Vice President of Operations, Dean of Nursing, Director of Graduate Nursing and Doctor of Nursing Practice, Director of Health Care Business, Director of General Education, Fiscal Services, Human Resources, Marketing, Academic Travel Abroad (ATA) and Alumni Relations.

Our Ed-Tech Center is located at 121 South 44 Street. This is a yellow brick, apartment-style building on the corner of 44 and Douglas Streets (one block south of Dodge Street). Faculty offices are located on the second floor.

Advanced technology is architecturally designed into the main building of the College, Student Center and Residence Hall including wireless Internet access in each building and the courtyard. The facilities were built to handle current and future computer and technological needs. All main building classrooms are equipped with television monitors as well as numerous types of audio/visual projection equipment. The capability exists to transmit live or taped productions into all classrooms simultaneously. Throughout the College facilities are connections that link users of technology with computers, modems, satellites and the Internet. Education at Clarkson College is truly global.

History

Clarkson College traces its roots to Omaha's Good Samaritan Hospital, which opened in 1869 and became the forerunner of Bishop Clarkson Memorial Hospital. The first student nurse completed a two-year training period in 1890. In 1902, a three-year nurses training school accepted students at the Hospital's 17th and Dodge Street location. A Clarkson superintendent called civic leaders to the first meeting of the Nebraska Nurses Association at Clarkson in 1906; three years later, the founding members achieved their initial goal of registration for 10 trained nurses who passed a state examination.

The Alumni Association was formed in 1910. By 1913, Clarkson was the first Nebraska school to reduce the standard on-duty requirement from 12 hours per day (six-and-a-half days a week) to eight hours per day. The Hospital and School moved in 1936 to 26 and Dewey Streets where students were housed in several homes nearby.

During World War II, a new nurse's home (dormitory) was built across the street from the Hospital. The School of Nursing also actively participated in the U.S. Cadet Nurse Corps program, which funded student tuition, books, uniforms and monthly stipends as a way to recruit nurses for the war effort.

After the war, the Hospital moved to its current location at 42 and Dewey Streets. However, related budget problems led the Nursing program to close in 1955. A very generous donation from Mr. and Mrs. Peter Kiewit enabled the Nursing program to reopen in 1960 with the completion of Kiewit Tower.

The 1970s saw Clarkson College admit male students to its burgeoning program. In the 1980s, Clarkson College received accreditation from the North Central Association and National League for Nursing. Development of the Online Education, Professional Development, Radiologic Technology/Medical Imaging, Physical Therapist Assistant and graduate programs swiftly followed. Today, the College also offers degrees and certificates in Health Care Business, Imaging Informatics, Post-Master's certificates in Nursing and a host of Professional Development, Basic and Advanced Life Support and Continuing Education opportunities.

Since 1888, Clarkson College graduates have distinguished themselves at home and abroad, in peacetime and in wartime. Now in its second century, the College continues to build on its solid tradition by developing health care programs to provide for safe, compassionate and effective care.

In the new millennium, a focus on diversity led to the development of the Gateway to Success Minority Nursing Scholarship. In order to serve our diverse population the College began the "Building on the Legacy of Enriching Campus Life for Students" effort in 2004 to create an environment of living and learning by constructing the new Student Village campus. The new campus includes a Student Center, apartment-style Residence Hall and courtyard complete with the Clarkson College Service League Heritage Garden.

In 2008, Clarkson College enhanced student services by opening a newly renovated lobby with student access to admissions and student records services. In addition, a newly renovated lower level allows easier access to professional development and basic life support services from a 42 Street entrance. The Center for Teaching Excellence also opened its doors in 2008.

Only two years later in 2010, the College reconstructed the first floor main lobby area and developed the Student Services Suite to establish convenient access to all facets of student information.

Accommodations

Clarkson College, in compliance with Section 504 of the Federal Rehabilitation Act of 1973 ("Rehabilitation Act"), the Americans with Disabilities Act of 1990 ("ADA"), and the Nebraska Fair Employment Practices Act, provides qualified individuals with disabilities the opportunity to participate in the programs or activities of Clarkson College. To request disability accommodation or information, please contact the Accommodations office.

Articulation Agreements

Clarkson College shall create articulation agreements and/or Memo of Understandings with any accredited community college/health system according to the wishes of the academic program directors and administration. The articulation agreement and/or Memo of Understanding is a formal, signed agreement that specifically states the Clarkson College degree requirements and the community college/health system courses that may be transferred. Current articulation agreements can be found in the Admissions section of the College website.

Computer Equipment Recommendations

In order to increase their likelihood of academic success, it is recommended that all Clarkson College on-campus students have access to personal computers with a specified minimum level of hardware and software. The specific recommendations are available to current and prospective students in the Online Education manual.

Online Education students are required to have access to specific equipment. These requirements are listed in the Online Education manual.

Library & Education Resource Center (ERC)

The Library and Educational Resource Center (ERC) supports the curriculum by providing flexible, responsive services, a wide variety of print and non-print materials and the hardware needed to use numerous types of media. The Library also provides access to FirstSearch, CINAHL, ERIC, ProQuest, Ebsco's Health Source and Sydney Plus, the online public access catalog. Students may access these databases using the computers in the library, on-campus or from remote home and office locations.

The Library and Educational Resource Center is open 72 hours each week. A highly qualified staff is committed to providing excellent service to the Clarkson College community. The Library is an active member of ICON, a Nebraska and western Iowa consortium of health science libraries. ICON member libraries participate in free interlibrary lending and support one another by sharing staff expertise and other library resources. The Library participates in the Nebraska Academic Libraries Reciprocal Borrowing Agreement, which gives students access to academic libraries across Nebraska. Access to library collections throughout the United States is offered via DOCLINE and OCLC.

Notice of Non-Discrimination

Clarkson College complies with all applicable federal, state, and local laws relating to discrimination and does not discriminate on the basis race, color, religion, ancestry, sexual orientation, physical or mental disability, age, national origin, ethnicity, sex, veteran's status or marital status in the administration of its educational programs and policies, financial aid, activities or other school administered programs.

The following position coordinates compliance with regulations in the implementation of Title IX, Section 504 and the Age Act:

Vice President of Operations
Clarkson College 101 South 42 Street Omaha, NE 68131-2739 PH 402.552.6109

Research

In fulfilling its Mission, the College actively supports and encourages scholarly activity and research. Members of the Clarkson College community or members of the scientific community wishing to conduct research within Clarkson College are to contact the chair of the Clarkson College Institutional Review Board.

Science Laboratory

The Science Lab accommodates areas for chemistry, microbiology, physiology and anatomy to support the general education science curriculum. It allows the student to gain valuable, hands-on experience with the subject matter. Each semester, designated open lab hours are established to allow students flexibility in completing required coursework.

Skills Laboratories

Nursing Skills Lab

The Nursing Skills Lab is designed to provide realistic, hands-on practice for students in an area that simulates a variety of realistic medical facility environments. There are numerous resources available to facilitate group or individual learning. The south end of the lab features eight patient care cubicles arranged to simulate semi-private hospital rooms equipped with items necessary for direct nursing care.

The north end of the lab has two patient care cubicles arranged to simulate one-bed hospital rooms, a pediatric examination room, an adult examination room, a gynecological examination room, five mobile workstations and a conference area. The classroom contains a video viewing conference area and a computer workstation.

Students using the lab will have access to realistic mannequins and models allowing them to **practice** skills needed in today's advanced health care setting. Designated open lab hours are established to allow students **to complete** required coursework and additional practice. Qualified faculty is available to assist students in practicing skills.

Simulation Lab

The cutting-edge simulation lab allows students to manage hypothetical patient cases using digitally enhanced mannequins that mimic real-life human health conditions.

Located on the fourth floor, the 375 square-foot facility includes a fully-equipped patient room where students can practice procedures such as intravenous line insertion, breathing tube insertion and medication administration; a control room where instructors can manipulate the mannequins by raising their blood pressure or even sending them into cardiac arrest; and a debriefing room where students and their instructors will gather to review and analyze a video recording of how the students reacted to the patient cases.

The simulation lab also houses high-tech, computerized adult and child tetherless mannequins that mimic real patients and are able to talk and respond to the students. These life-like mannequins are controlled remotely by instructors who can make them cry out in pain, move about and even react to a student's touch. They exhibit symptoms of minor or major injury, as well as mild to life-threatening diseases—almost anything clinical staff might see in live patients.

Physical Therapist Assistant Skills Lab

The Physical Therapist Assistant Skills Lab provides students with an opportunity to practice a variety of clinically related patient intervention techniques. Students have access to an assortment of therapeutic equipment reflective of the current practice of physical therapy. Lab time is scheduled as part of the curriculum and reserved lab hours can be established to allow students **to complete** required coursework and additional practice.

Radiologic Technology Energized Skills Lab

The Radiologic Technology Lab suite contains a classroom; two x-ray rooms, one of which is energized; a darkroom and a film library. The energized x-ray room is lead-shielded and the viewing window is constructed of leaded glass for student safety. The energized x-ray machine is capable of performing digital fluoroscopy and diagnostic examinations. Two methods of image acquisition are offered. A fully functional darkroom is available for film processing and a CR reader and imaging plates are available for digital acquisition. Completing the digital imaging chain is a quality control workstation and PACS workstation for image manipulation and storage. An energized mammography machine, portable x-ray machine and C-arm are also located within the suite to facilitate student learning.

Nurse Aide Center

Nurse Aide and Medication Aide courses are provided in a classroom-skills lab suite. This facility—located in the lower level of the main College building—offers students the ability to learn as they practice skills needed to provide high quality patient care.

Student Center

The new Student Center enriches campus life for students. Students can socialize in the café-style lounge area, exercise in the fitness center, visit The Bookstore or seek academic and career guidance in the Success Center. Computer access is available and also study areas for study collaboration. The Student Center also has wireless capabilities for those students who wish to use their laptop computers in this area. The Student Center also offers student meeting and recreational space for events and intramurals in Howard Hall.

Student Housing

The new, apartment-style Residence Hall is conveniently located on campus and provides a greater community connection with other students. Each apartment has four private, furnished bedrooms; two private baths with double vanities; and a spacious, fully-equipped kitchen with dining/study counter. The Residence Hall has 24-hour staff and front desk services and each of the 35 apartments has controlled entry. The Residence Hall, which houses up to 140 students, also offers laundry facilities, group study areas and wireless Internet for its residents. Each apartment is also set up for Internet and cable access in each bedroom and living room. Our Resident Assistants (RAs) and onsite Resident Director (RD) encourage student involvement and activities and assist the on-campus residents in a living and learning environment.

Technology Resources

Students have access to computers in the College Computer Laboratory, Success Center, Educational Resources Area and Library. Word processing and desktop publishing software is available for students who need to prepare class papers. Spreadsheets and database management software permit students to analyze data. Interactive technologies provide unique learning opportunities for students. Additionally, there are several multimedia machines in the Library for viewing class assignments. Clarkson College is a wireless

campus, and students have access to the Internet in the Student Center, Residence Hall, main building or the courtyard.

Electronic Resources Use, Copyright Infringement & Network Management Policy

Clarkson College electronic resources are defined as the hardware, software, network and network connections within Clarkson College and all connections to the Internet. This definition also includes P2P processes and use.

All electronic resources at Clarkson College are provided for the exclusive use of enrolled students, faculty, staff and individuals directly affiliated with Clarkson College consistent with the Mission of the College.

Computer and network system users are responsible for following the published restrictions to access Clarkson College computing systems and networks.

1. A user must use only the computer account(s) that has been authorized for his/her use.
2. Users are responsible for the use of their computer accounts. Users should make appropriate use of systems-provided protection features such as passwords and file protections and should take precautions against others obtaining access to their computer resources. Users should not make an account available to others for any purpose. If assistance is needed in using computer resources, contact the Information Systems (IS) department.
3. Computer accounts and access to networks (Internet, College Network (LAN), etc.) must be used only for the purposes for which they are authorized. For example, student, faculty and staff accounts issued for legitimate classroom or office work cannot be used for private consulting, commercial enterprises and/or personal financial gain.
4. Users will not download (or attempt to download) music, data or any other copyright materials from others that are engaged in illegal activities involving copyrighted, trademarked or patented products.
5. Users will not access, copy or transport programs, files or data without prior authorization. User software may be used on computers only if it has been legally obtained and if its use does not violate license or copyright restrictions. This policy specifically pertains to any Peer-to-Peer uses as well as other types of electronic copyright violations. Peer-to-Peer practices are not authorized on the Clarkson College network unless specially approved by the Information Systems (IS) department.
6. Users will not (or attempt to) inspect, modify, distribute or copy privileged data, music or software, except for users who have been given prior special permission to work with data in accomplishing their job responsibilities, e.g. reporting, etc.
7. Users will not infringe on others' use of the electronic services or deprive them of those resources.
8. Users will not attempt to modify systems infrastructure. Users will not damage or obstruct the operation of any of computer systems or networks of the College.
9. Users will not supply or attempt to supply false or misleading information or identification in order to access computer systems or networks.
10. Users will not attempt to subvert the restrictions associated with any computer accounts.
11. Playing computer games (other than for educational purposes) on Clarkson College computers is not allowed and may result in the loss of access to Clarkson College computers and networks.
12. The computer will not be used as an instrument to intimidate or offend persons. Using the computer as a means of communication to terrify, intimidate, threaten, harass, annoy or offend another person constitutes grounds for cancellation of access to Clarkson College computers/networks and may result in disciplinary and/or legal action. Use of a computer as a means of: a) communicating indecent, lewd or obscene language to another person, or: b) communicating a threat or lewd suggestion to another person shall be prima facia evidence of intent to terrify, intimidate, threaten, harass, annoy or offend.
13. Software will be used on computers only if it has been legally obtained and if its use does not violate license or copyright restrictions. Any software not approved or purchased by Clarkson College will not

be placed on network machines without approval from the Information Services (IS) department. Such software may not receive support from the IS department. Users may not (nor attempt to) inspect, modify, distribute or copy privileged data or software, except for users who have been given prior special permission to work with data in accomplishing their job responsibilities, e.g. reporting, etc.

14. Users shall not supply or attempt to supply false or misleading information or identification in order to access computer systems or networks.

Violations of any on the above items will lead to loss of access privileges to all Clarkson College computing and networking systems.

Further disciplinary actions for violating the policy will be governed by but may not be limited to the applicable provisions of student handbooks, faculty and staff handbooks, policies of Clarkson College, statutes of the State of Nebraska and federal law, including civil and criminal legal actions.

Information Services will review user accounts and network traffic to insure that violations to this policy are reported to administration for disciplinary action of all offenders.

Testing Center

The Testing Center is an on-campus facility that provides exam proctoring services to our local students enrolled in online classes. To learn more about the hours of operation, rules and regulations, and scheduling appointments, visit the Testing Center webpage.

Website

The website for Clarkson College is located at ClarksonCollege.edu. The website contains detailed information about programs and courses offered by the College and online academic catalog as well as admission requirements, applications, forms, directories and contact information. Other features include: calendar of events, schedule of classes, Bookstore and link access to eCollege (online campus), Self-Service, Library databases and e-mail accounts for students, faculty/staff and alumni. Tools for searching our website and navigation include: Search Clarkson College, Quick Links menu and site map. Students are also able add themselves as friends/fans of Clarkson College in the online social network Facebook.

Writing Lab

The Clarkson College Writing Lab is a resource for all undergraduate and graduate students—both on campus and online. The Writing Lab serves as a welcoming space for students to receive help on their writing and revisions. If a student is unsure how to begin a paper, how to write a thesis, how to organize their ideas, how to articulate their ideas, how to apply APA style, or if they simply want a second pair of eyes to look over their essay, the Writing Lab can help with all of this and more. The Writing Lab emphasizes the process of writing; rather than correct, edit, or proofread, Writing Lab tutors work *with* writers to build their confidence with writing, as well as to provide them with the skills needed to revise and edit their own writing. To learn more about the hours of operation and scheduling appointments please visit the Writing Lab webpage.

Academic Calendar

Clarkson College publishes academic calendars two years in advance.
This section gives you access to these calendars.

2014–15 Academic Calendar

August 2014
1 Health Care Administration: second six-week session ends
1 Summer semester ends
2 Summer Graduation
5 Final grades due for summer semester
6-15 Faculty off campus
18 Faculty report
19 Adjunct faculty meeting
22 Fall orientation – new undergraduate students
25 Fall semester begins
25 Health Care Administration: first six-week session begins
29 Last day to withdraw from a regular semester course and receive 100 percent refund of tuition and fees

September 2014
1 Labor Day (No classes, College closed)
9 Census Day
12 Tuition and fees payment due date
17 Constitution Day
18 Convocation
18-19 Graduate weekend (NS 830)

October 2014
3 Health Care Administration: first six-week session ends
6-10 Fall mid-term exams
10-11 Graduate weekend (NS 832, NS 844)
13 Health Care Administration: second six-week session begins
14 Fall mid-semester grades due
17 Last day to drop a course with a "W" (Withdrawal) grade
31 Deadline for spring 2015 Graduation application

November 2014
21 Health Care Administration: second six-week session ends
26 Last day to drop a course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) grade
26 Fall semester grades due for graduating students
27-28 Thanksgiving Holiday (No classes, College closed)

December 2014
5 Fall semester ends
6 Fall Graduation
9 Final grades due for fall semester
7-17 Academic Travel Abroad
15-Jan. 2 Faculty off campus
24-26 Christmas Holiday (College closed)
31 Holiday (College closed)

January 2015
1 Holiday (College closed)
5 Faculty report
6 Adjunct faculty meeting
9 Spring orientation – new undergraduate students
12 Spring semester begins
12 Health Care Administration: first six-week session begins

16 Last day to withdraw from a regular semester course and receive 100 percent refund of tuition and fees
19 Martin Luther King, Jr. Day Observed (No classes, College open, Strategic Planning Day)
27 Census Day
30 Tuition and fees payment due date

February 2015
5-6 Graduate weekend (NS 830)
6 Deadline for summer 2015 Graduation application
20 Health Care Administration: first six-week session ends
20-21 Graduate weekend (NS 832, NS 844)
23-27 Spring mid-term exams

March 2015
2 Health Care Administration: second six-week session begins
3 Spring mid-semester grades due
6 Last day to drop a course with a "W" (Withdrawal) grade
9-13 Spring Break (No classes, faculty off campus, College open)

April 2015
3 Good Friday (No classes, College closed)
10 Health Care Administration: second six-week session ends
24 Last day to drop a course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) grade
24 Spring grades due for graduating students

May 2015
1 Spring semester ends
2 Spring Graduation
3-14 Academic Travel Abroad
5 Final grades due for spring semester
6-12 Faculty off campus
11 Health Care Administration: first six-week session begins
13 Faculty report
14 Adjunct faculty meeting
15 Summer orientation – new undergraduate students
18 Summer semester begins
22 Last day to withdraw from a regular semester course and receive 100 percent refund of tuition and fees
25 Memorial Day Observed (No classes, College closed)
29 Census Day

June 2015
5 Tuition and fees payment due date
18-19 Graduate weekend (NS 830)
19 Health Care Administration: first six-session ends
22-26 Summer mid-term exams
26-27 Graduate weekend (NS 832, NS 844)
29 Health Care Administration: second six-week session begins
30 Summer mid-semester grades due

July 2015
2 Last day to drop a course with a "W" (Withdrawal) grade
3 Independence Day (No classes, College closed)
24 Deadline for fall 2015 Graduation application
31 Last day to drop a course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) grade
31 Summer grades due for graduating students

August 2015
7 Summer semester ends
7 Health Care Administration: second six-week session ends
8 Summer Graduation
11 Final grades due for summer semester
12-21 Faculty off campus
24 Faculty report
25 Adjunct faculty meeting
28 Fall orientation – new undergraduate students
31 Fall semester begins

2015-2016 Academic Calendar

August 2015
7 Summer Semester Ends
7 Health Care Administration 2nd - 6 week Session Ends
8 Summer Graduation
11 Final Grades Due For Summer Semester
12 – 21 Faculty Off Campus
24 Faculty Report
25 Adjunct Faculty Meeting
28 Fall Undergraduate Orientation New Students
31 Fall Semester Begins
31 Health Care Administration 1st - 6 week Session Begins

September 2015
4 Last day to withdraw from a regular semester course and receive 100% refund of tuition and fees
7 Labor Day (No Classes, College Closed)
15 Census Day (11th day)
17 Constitution Day
17 Convocation
18 Tuition and Fees Payment Due Date

October 2015
1-2 Graduate Weekend (NS 830)
9 Health Care Administration 1st - 6 week Session Ends
12 – 16 Fall Mid-Term Exams
16-17 Graduate Weekend (NS 832/844)
19 Health Care Administration 2nd - 6 week Session Begins
20 Fall Mid-semester Grades Due
23 Last day to withdraw a course with a "W" (Withdrawal) Grade

November 2015
6 Deadline for Spring 2016 Graduation Application
27 Health Care Administration 2nd - 6 week Session Ends
26- 27 Thanksgiving Holiday (No Classes, College Closed)

December 2015
25 Last Day to Withdraw a Course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) Grade
25 Graduating Students; Fall Grades Due
11 Fall Semester Ends
12 Fall Graduation
13-23 Academic Travel Partnership

15 Final Grades Due For Fall Semester
16 – 1 Faculty Off Campus thru January
24 - 25 Christmas Holiday (College Closed)
31 Holiday (College Closed)

January 2016
1 Holiday (College Closed)
4 Faculty Report
7 Adjunct Faculty Meeting
8 Spring Undergraduate Orientation New Students
11 Spring Semester Begins
11 Health Care Administration 1st - 6 week Session Begins
15 Last day to withdraw from a regular semester course and receive 100% refund of tuition & fees
18 Martin Luther King, Jr. Day Observed (No Classes, College Open, Strategic Planning)
26 Census Day (11th day)
29 Tuition and Fees Payment Due Date

February 2016
11-12 Graduate Weekend (NS 830)
5 Deadline for Summer 2016 Graduation Application
19 Health Care Administration 1st - 6 week Session Ends
26-27 Graduate Weekend (NS 832/844)
22 - 26 Spring Mid-Term Exams
29 Health Care Administration 2nd - 6 week Session Begins

March 2016
1 Spring Mid-semester Grades Due
4 Last Day to Withdraw a Course with a "W" (Withdrawal) Grade
7 – 11 Spring Break Faculty off campus (No Classes, College Open)
25 Good Friday (No Classes, College Closed)

April 2016
8 Health Care Administration 2nd - 6 week Session Ends
22 Last day to withdraw a course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) Grade
22 Graduating Students; Spring Grades Due
29 Spring Semester Ends
30 Spring Graduation

May 2016
1-10 Academic Travel Traditional
3 Final Grades Due For Spring Semester
3 Last day for 9 month faculty
4 – 10 Faculty off Campus
9 Health Care Administration 1st - 6 week Session Begins
11 Faculty Report
12 Adjunct Faculty Meeting
13 Summer Undergraduate Orientation New Students
16 Summer Session Begins
20 Last day to withdraw from a regular semester course and receive
100% refund of tuition & fees
27 Census Day (10th day)
30 Memorial Day Observed (No Classes, College Closed)

June 2016
3 Tuition & Fees Payment Due Date
9-10 Graduate Weekend (NS 830)
17 Health Care Administration 1st - 6 week Session Ends
20 – 24 Summer Mid-Term Exams
24 Last day for 10 month faculty
28-29 Graduate Weekend (NS 832/844)
27 Health Care Administration 2nd - 6 week Session Begins
28 Summer Mid-semester Grades Due

July 2016
1 Last Day to Withdraw a Course with a "W" (Withdrawal) Grade
4 Independence Day (No Classes, College Closed)
22 Deadline for Fall 2016 Graduation Application
29 Last Day to Withdraw a Course with a "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) Grade
29 Graduating Students; Summer Grades Due

August 2016
5 Summer Semester Ends
5 Health Care Administration 2nd - 6 week Session Ends
6 Summer Graduation
9 Final Grades Due For Summer Semester
10 – 19 Faculty Off Campus
22 Faculty Report
25 Adjunct Faculty Meeting
26 Fall Undergraduate Orientation for New Students
29 Fall Semester Begins
29 Health Care Administration 1st - 6 week Session Begins

Calendar reflects:
10 Holidays in which the college is closed
27 Days the faculty is off campus (excludes holidays)

Academic Travel Abroad

Coordinator of Academic Travel Abroad
Patricia Brennan, Ph.D.
PH 402.552.6125 **TF** 800.647.5500
brennan@clarksoncollege.edu

Inspired by the belief that some of the best learning experiences cannot be duplicated in the classroom, Academic Travel Abroad (ATA) offers a student-centered, first-hand introduction to the people, arts, history and health care of Western (non-American) cultures. Under faculty guidance, ATA exposes students to other cultures, including its challenges and perspectives, while earning college credit. Guided tours include hospital visits, medical history sites and other customized tours. Free days are included to foster students' self-directed learning skills. In conjunction with traditional ways of acquiring knowledge, experimental components such as discovery learning help transform students' finite educational experiences into a lifetime of learning.

ATA is designed to make responsible use of students' limited resources (time and money). Offered between semesters, the two-week immersion experience is the keystone of a General Education core curriculum course (HC 204) and two General Education elective courses (HC 280, HC 290) for one to five hours of course credit. Students who have successfully completed one ATA course (see courses below) may travel a second

(or subsequent) time without registering for a class. Students will pay travel costs, but no additional course fees will be required. Students will sign a contract agreeing to listen to destination specific lectures, completing the pre-trip notebook and meeting with Dr. Patricia Brennan before traveling. Each course option is organized around pre-trip lectures and readings, intra-trip activities and post-trip coursework. Each student is welcome to invite a travel companion to share the learning experience. Since 1999, the Clarkson College learning community has explored Ireland, Scotland, England, Northern Ireland, France, Switzerland, Italy, Spain and Greece.

ATA supports the mission, philosophy and learning objectives and outcomes for General Education. Academic Travel course descriptions follow:

HC 204 Core II: A Cultural History of the Healing Arts

Three semester hours
Core II: A Cultural History of the Healing Arts positions the history of health care within a cultural framework. The course reviews the social, intellectual and cultural history of the healing arts from ancient times to the 21st century. Not limited to the Western tradition, this approach invites the student to identify and explore the people, practices and beliefs that have shaped the healing professions. Consideration of the still-evolving role of the health care professional includes the history of Clarkson College. Student engagement will be emphasized using a required service experience. This course can be taken on campus, online or through Academic Travel Abroad.
Prerequisite: Successful completion of Core I.

HC 280 International Health Care

One to two semester hours
International Health Care examines health care systems in other countries and compares them to the American health care system. Students will participate in international visits to hospitals and other historical health care sites in the country visited by students participating in the Academic Travel Abroad program.

HU 290 Special Topics in Humanities

One to three semester hours
Taken through Academic Travel Abroad, this course provides a first-hand introduction to the historical and artistic identity shaped by a Western (but non-American) culture. Foci may include the history (people, places, ideas, events) and the arts (architecture, sculpture, literature, painting) that reflect a unique cultural identity. This ATA course may be taken in conjunction with HC 204 and/or HC 280 and may be repeated as different cultures are visited and studied.

Another Travel Option

Clarkson College initiated a collaborative academic travel experience during the 2011-12 academic year. Students from Clarkson College, Nebraska Methodist and Bryan LGH now have the opportunity to experience cultural diversity and travel as well as an international view of health care through ATA 270.

ATA 270 Special Topics in ATA

This course is a team-taught variable credit course that satisfies one to three hours of General Education credit. It offers a first-hand introduction to the history, arts and health care systems of other cultures, including at least one hospital tour for students to interact with providers and educators from another system. The course may include more than one culture and may be repeated as different cultures are visited.

Admissions

Director of Admissions
Denise Work

Admissions Office
101 South 42 Street Omaha, NE 68131-2739
PH 402.552.3100 TF 800.647.5500
admiss@clarksoncollege.edu

In this section you will find information about applying as an undergraduate, graduate, international or non-degree student. Our admissions staff is available to guide you through the admissions process. We want to make your transition to Clarkson College a smooth one.

Meeting all criteria for admission does not guarantee admission into Clarkson College. Qualified applicants are admitted without regard to national or ethnic origin, gender, age, marital status, religion, race, color, sexual orientation, creed or disability in the administration of its educational policies, financial aid or other school administered programs.

Undergraduate Degree-Seeking Students

Applications for undergraduate degree-seeking students are reviewed based on the following criteria:

- 2.5 cumulative GPA.
- 2.5 math and science GPA.
- ACT or SAT scores (May be considered within two years of high school graduation).
- Class rank.
- High school and college coursework.
- English Proficiency: This requirement applies to all individuals whose first language is not English. Student must meet one of the following:
    - Official TOEFL (Test of English as a Foreign Language) score (Minimum of 100 total score on the TOEFL iBT, minimum of 250 total score computer-based TOEFL, or minimum of 600 total score on the paper-based TOEFL).
    - ACT English score of 20 or higher.
    - Graduation from an accredited U.S. high school.
    - U.S. GED English score of 500 or equivalent.
    - Bachelor's or higher level degree from a U.S. accredited college or university.

Additional Admission Requirements:

- Students who have completed the GED are reviewed with a score of 500 or above on each of the five GED tests.
- Students that have been home schooled are required to submit GED scores.
- All transcripts from high school and post-secondary institutions will be evaluated for "Ds," "Fs," no pass, withdrawals and withdrawal fails.
- International Nurse Applicants are also required to submit documentation of successful achievement of the Commission on Graduates of Foreign Nursing Schools (CGFNS) qualifying examination.
- Applicants must be in good standing from all previous institutions attended.

Undergraduate Application Materials Required for Degree-Seeking Students:

Undergraduate degree seeking students will be required to submit the following items to be considered for admission. Only students who have submitted all necessary items will be considered for admission.

- Undergraduate application for admission and application fee.
- Transcripts: Official transcripts are required from high school and all postsecondary institutions attended or currently attending. Clarkson College will not accept transcripts issued to the student. Post-secondary institutions include college and universities, professional, technical and business schools regardless of whether or not credit was earned. Transcripts from all institutions outside the U.S. must be official, translated to English and credentialed.
- Typed 2-3 page motivational essay or program specific application questions.
- Official ACT or SAT scores: Required within two years of high school graduation for students graduating from a U.S. accredited high school

Additional admission requirements for the following programs:

- **Physical Therapist Assistant** – PTA application packet.
- **Radiologic Technology** – RT application packet.
- **Traditional BSN and Practical Nursing** – Active status on a nurse aide registry. Applications may be reviewed for acceptance with proof of intent to complete a nurse aide course.
- **LPN to BSN, RN to BSN, RN to MSN** – Copy of current unencumbered nursing licensure.
- **Medical Imaging –** Copy of current American Registry of Radiologic Technologist (ARRT) card.

Graduate Degree-Seeking Students: Master's Level

Applications for master's degree-seeking students are reviewed based on the following criteria:

- 3.0 cumulative GPA on a 4.0 scale
- English Proficiency: This requirement applies to all individuals whose first language is not English. Student must meet one of the following:

  - Official TOEFL (Test of English as a Foreign Language) score (Minimum of 100 total score on the TOEFL iBT, minimum of 250 total score computer-based TOEFL, or minimum of 600 total score on the paper-based TOEFL)
  - ACT English score of 20 or higher
  - Graduation from an accredited U.S. high school
  - U.S. GED English score of 500 or equivalent
  - Bachelor's or higher level degree from a U.S. accredited college or university

Students entering the master's degree programs are reviewed based on the following application materials and requirements:

- Graduate application for admission and application fee.
- Scholarly essay.
- Official academic transcripts from each post-secondary institution previously attended. Transcripts must be sent directly from each institution to Clarkson College. Transcripts from all institutions outside the U.S. must be official, translated to English and credentialed.
- Two professional recommendations using the Graduate Professional Reference forms.
- Current resume.

Additional admission requirements for the following programs:

Master of Science in Nursing:

- Baccalaureate degree in nursing from a professionally accredited institution by National League for Nursing Accrediting Commission (NLNAC) or Commission on Collegiate Nursing Education *(*CCNE).
- A valid state unencumbered RN license. License must be effective in the state where practicing or where clinical experience will occur.
- One year of professional RN work experience prior to registration for the MSN Nurse Educator and Health Care Administration specialty option courses.
- Two years of professional RN work experience prior to registration for MSN Nurse Practitioner specialty option courses.
- Completion of the Acute Care Skills Assessment form for the MSN Nurse Practitioner options.

Master of Science in Nursing with specialization in Nurse Anesthesia:

- Complete at least one year of recent full-time critical care nursing experience (post-ADN or post-BSN) as an RN prior to application to the program.
- Submit a current curriculum vitae indicating critical care nursing experience and length, any professional or scholastic honors, and listing of all colleges attended and degrees obtained.
- Provide proof of advanced nursing specialty certifications in BLS, ACLS and PALS
- Completion of the Assessment of Critical Care Skills form.
- Completion of a graduate-level statistics course equivalent to Clarkson College NS 847 prior to enrolling in the program.

Post-Masters in Nursing Certification:

- Master's degree in nursing from a professionally accredited institution by Commission on Collegiate Nursing Education *(*CCNE).
- A valid state unencumbered RN license. License must be effective in the state where practicing or where clinical experience will occur.
- Two years of professional RN work experience prior to registration for MSN Nurse Practitioner **specialty** courses.

Masters in Health Care Administration:

- Baccalaureate degree from a regionally accredited institution.

Graduate Degree-Seeking Students: Doctorate Level

Applications for doctoral degree-seeking students are reviewed based on the following criteria:

- 3.0 cumulative master's level GPA on a 4.0 scale
- English Proficiency: This requirement applies to all individuals whose first language is not English. Student must meet one of the following:
- Official TOEFL (Test of English as a Foreign Language) score (Minimum of 100 total score on the TOEFL iBT, minimum of 250 total score computer-based TOEFL, or minimum of 600 total score on the paper-based TOEFL)
- ACT English score of 20 or higher
- Graduation from an accredited U.S. high school
- U.S. GED English score of 500 or equivalent
- Bachelor's or higher level degree from a U.S. accredited college or university

Students entering the doctoral degree programs are reviewed based on the following application materials and requirements:

- Graduate application for admission and application fee.
- Statement of educational goals to include evidence of potential dissertation/residence project.
- Official academic transcripts from each institution where courses were taken at the graduate level. Transcripts must be sent directly from each institution to Clarkson College. Transcripts from all institutions outside the U.S. must be official, translated to English and credentialed.
- Three faculty or professional recommendations using the Graduate Professional Reference forms.
- Current resume or curriculum vitae.
- Sample of a formal master's degree level scholarly paper.
- Three credit hour graduate-level statistics course to be completed prior to enrollment.
- Three credit hour graduate-level research course to be completed prior to enrollment.

Additional admission requirements for the following programs:

Doctor of Nursing Practice:

- Unencumbered APRN license. License must be valid in the state of practice or where an immersion experience will occur.
- One year of work experience as an APRN.
- Master of Science degree in Nursing from an accredited program/institution.

Doctor in Health Care Education and Leadership:

- Minimum of one year of work experience, preferably in the health care field.
- Master's degree or higher from an accredited institution.

International Applicants Admission Requirements

Clarkson College allows applications from students who have been educated in another country who meet the admission requirements established by the College and the academic program of interest. Additional requirements from the Student and Exchange Visitor Program may be required. Applications are reviewed based on the criteria of academic performance and English proficiency as outlined for undergraduate and graduate degrees.

Non-Degree Seeking Students & Visiting Students

Students may wish to enroll in coursework without the intension of earning a degree from Clarkson College. Any person may register for and take courses offered at Clarkson College if that person fulfills the course prerequisites and selected requirements for admission. Proof of English proficiency as outlined for degree-seeking students will be required for those whose first language is not English.

Additional requirements include:

For undergraduate coursework: Proof of high school graduation, GED or current enrollment in high school.
For graduate coursework: Documented completion of an appropriate undergraduate degree.

Admission to Clarkson College as a non-degree seeking student does not guarantee later admission into a degree program. Application to a degree-seeking program may be requested at any time. All admission

requirements must be met for acceptance.

Acceptance

Accepted students will receive an official letter of acceptance from Clarkson College along with an Admissions Confirmation form. To accept an offer of admission, the student must sign the Admissions Confirmation form and return it with a non-refundable enrollment fee. This fee reserves a student's place in the program.

The enrollment fee is requested within 30 days of admission notification.

Conditional Admission Status

Undergraduate and graduate applicants who do not meet all of the admission criteria may be granted Conditional Admission status.

Undergraduate students admitted under conditional admission status will remain conditional for two (2) consecutive semesters. During each semester, the following requirements must be met:

- Enroll in their first semester and successfully complete General Education course Strategies for Success;
- Students are only allowed to take a maximum of 15 credit hours each semester;
- Students needing to enroll in BI 211 Anatomy, BI 222 Anatomy/Physiology, BI 210 Microbiology, CH 110 Chemistry or BI 213 Physiology may only enroll in one course per semester;
- Students will be enrolled in the recitation course corresponding to the science course in which they are enrolled (listed in previous bullet). Additional fees will apply. Recitation courses include: BI 211.RS, BI 213.RS and CH 110.RS.
- Earn at least a 2.0 cumulative grade point average; and
- Will not have received any of the following end-of-the-semester course grades: "D," "F," "NP," "WF" or "I" grades.

The Registrar will track and review all conditionally admitted undergraduate students at the end of each semester of conditional status. The program director and Registrar will review and determine if they may continue as fully admitted students. Undergraduate students who do not meet requirements will be dismissed from the program of study.

Graduate students admitted under conditional admission status must meet the following requirements:

- Complete at least six hours of credit;
- Earn a 3.0 cumulative grade point average; and
- Will not have received any of the following end-of-the-semester course grades: "C," "D," "F," "NP," "WF" or "I" grades.

The Academic Review Committee will review all conditionally admitted graduate students at the end of their first semester of enrollment to determine if they may continue as fully admitted students. Graduate students who do not meet the requirements will be dismissed from the program of study. Doctoral students will not be admitted conditionally.

The above conditions may result in a change in the anticipated graduation date for a conditionally admitted student. Meeting the above conditions may affect the length of a student's program. Concerns should be directed to the Admissions office or academic advisor prior to a conditionally admitted student reserving a spot in their academic program.

Re-Admission Applicants

Re-application is required for applicants previously denied or who have been admitted and moved their enrollment date forward more than one year.

Cooperative Programs

Bachelor of Science in Nursing

This program is based on an agreement between Grace University in Omaha, Neb. and Clarkson College. Bachelor of Science in Nursing (BSN) degree graduates are eligible to take the National Council Licensure Examination (NCLEX). Grace University provides Clarkson College with appropriate admissions-related documentation upon acceptance of the student. Students who complete the cooperative program should be able to:

1. Demonstrate proficiency in the professional field of nursing established by Clarkson College.
2. Fulfill the objectives of Grace University's Biblical Studies division.
3. Fulfill the objectives of Grace University's general education division.

Bachelor of Science in Medical Imaging

This program is based on agreements with Radiologic Technology programs at Southeast Community College in Lincoln, Neb., Alegent Health School of Radiologic Technology in Omaha, Neb. And Mary Lanning School of Radiologic Technology in Hastings, Neb. and Clarkson College. These agreements allow students to enroll in the Clarkson College Medical Imaging program after completing their first year of Radiologic Technology training. This option allows students to simultaneously pursue both degrees. Students must obtain ARRT licensure and successfully complete all degree requirements before the degree will be conferred.

For more information regarding cooperative programs, contact the Clarkson College Admissions office.

Double Majors

Students must apply and be properly admitted to both majors. It may be possible to pursue both majors at the same time. An official degree plan must be completed for both majors. Admission into one major does not guarantee later admission into a second major.

Health & Safety Requirements

All Clarkson College students may be required to complete certain health and safety requirements according to individual program needs at their own expense (non-refundable). Students will not be allowed to attend classes and/or clinical when out of health and safety compliance.

Students enrolled in academic programs at Clarkson College are required to follow health and safety requirements specific to their academic program.

Health and safety requirements are subject to immediate change in order to maintain compliance with state and federal requirements, Center for Disease Control requirements and standards of practice.

Criminal Background Checks and Drug Screening for Students

Background Checks and Drug Screenings for Students

To be in compliance with clinical and/or course requirements, background checks and drug screenings will be completed at the expense of the student.

Timing of the Background Check and Drug Screening
The completion of a background check and/or drug screening will be facilitated by the program requirements.

Students must complete the required background check and/or drug screening prior to participation in other degree or service experiences. Students will not be allowed to progress in their course until clearance documentation is reviewed by the Clinical Coordinator or designee.

Students must give permission for Clarkson College to review the results of the background check and/or drug screening to progress in their program by completing the online Student's Disclosure & Consent Release of Information form.

Additional background checks and/or drug screening may be required with or without cause for suspicion as required by the clinical agency or Clarkson College, at the expense of the student.

Identification of Vendors
Background check and drug screening results will only be accepted from a Clarkson College approved vendor. All student information is kept confidential.

Allocation of the Cost
For background checks and drug screenings the student is responsible for the payment. Additional site specific screenings (background and/or drug screen) and all random drug screenings will be at the student's expense.

Significant Findings in Background Check Report
Clarkson College cannot guarantee that students with significant findings in their background check will be permitted to participate in clinical rotations or be a candidate for licensure/certification in every state.

Additionally, prior conviction of a felony or misdemeanor may make a student ineligible for professional licensure, professional certification, or professional registration depending on the specific regulations of the individual health profession and the state of practice.

The student must meet the guidelines for prior criminal convictions of the agency where the clinical is scheduled and no special accommodations for alternative clinical placement will be made for the student.

Alert on Background Check/Positive Drug Screen
Program Director and/or designee has access to complete report details related to alert on background check and/or positive drug screen results. Program Director and/or designee will counsel students with alerts on background check to determine outcome. Positive drug screen results will follow the steps referenced in SW-15, Drug and Alcohol Policy. This can be found in the College catalog and/or student planner/handbooks.

Confidentiality of Records
Background check and drug screening reports and all records pertaining to the results are considered confidential with restricted access.

Access to records and reports outside of the Health and Safety Specialist's Office must be approved by the Program Director and/or designee, prior to granting access. Information contained in the reports/records will not be shared with facilities participating in the clinical/ service/externship- experiences unless a legitimate need is demonstrated.

Recordkeeping
All records are housed in Certified Profile, a secure web portal used by Clarkson College. It is the student's responsibility to maintain their records with Certified Profile. The web portal is password protected.

Mentoring

First-year students have the opportunity to participate in the Clarkson College mentoring program. This program was designed to provide students with individualized assistance for the transition into the College. Each first-year student is paired with a faculty or staff member who will serve as a mentor while a student is at Clarkson College. There is no cost for this program, and every student is invited to participate on a voluntary basis. For more information, contact the Director of the Student Center.

New Student Orientation

Orientation gives new students information on services provided by Clarkson College. New undergraduate students are strongly encouraged to attend New Student Orientation, usually held each semester on the Friday before classes begin. New graduate online students will be oriented to the College by participating in NS 799 and MB 799. Additional information for new students can also be found on the Clarkson College website.

Non-Matriculated Student Record Retention

It is the policy of Clarkson College that applications and application materials including official academic transcripts, letters of reference, student essays, observation hours and letters from the College will be retained two years for all non-enrolled students. Updated documents may be required if the student would like to re-apply. Records from applicants who do not enroll are not covered under The Family Educational Rights and Privacy Act of 1974 (FERPA).

Application Deadlines & Start Dates

Application deadlines and start dates are determined by program. Students are encouraged to visit the Clarkson College website for the most up-to-date deadline and start date information.

All application materials must be received prior to the application deadline. After deadlines pass, applications will be reviewed as complete if space is available in the program. Wait lists for programs will be formed as necessary. Applications may be held over to be reviewed at a later date at the discretion of the Admissions Committee.

Application Deadlines for International Students

International students must meet program-specific requirements and deadlines. The following deadlines must be met by international students considering programs with rolling admission:

- Fall semester – June 1
- Spring semester – October 1
- Summer semester – March 1

State Authorization

Clarkson College is currently authorized to offer online education in the following states: Alaska, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Maine, Michigan, Mississippi, Missouri, Montana, New Hampshire, New Jersey, North Dakota, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont and Wyoming. In addition, Clarkson College is able to offer limited online programs in Delaware, Kentucky, Maryland, Massachusetts, Minnesota, Nevada, New Hampshire, New York, North Carolina, Ohio, Tennessee and Washington. If you reside in a state offering limited online programs and wish to apply, please contact us at 800.647.5500 prior to completing the application process.

While the College has aimed to offer online education in various other states throughout the nation, specific state requirements have made it cost-prohibitive or unreasonable at this time. We are optimistic about expanding our reach in the future, as state authorization is a fluid situation that is subject to change.

Financial Aid

Director of Student Financial Services
Margie Harris, CPFM

Student Financial Services Office
101 South 42 Street Omaha, NE 68131-2739
PH 402.552.2749 TF 800.647.5500
sfsassist@clarksoncollege.edu

Clarkson College Federal School Code: 009862

The mission of the Student Financial Services department is to provide education, counseling and support services designed to assist students and their families in financing their education at Clarkson College.

Financial aid is money provided by federal, state, institutional and private sources to help students meet expenses while attending college. Financial aid only supports a portion of a student's educational costs. **The student and his or her family are expected to assist in meeting college expenses**.

Clarkson College is committed to providing access to financial assistance for qualified students who, without such aid, would be unable to attend college. Financial assistance includes scholarships, grants, loans and part-time employment which may be offered to students in various combinations, depending upon the student's degree of financial need. Financial need is determined by comparing results of the Free Application for Federal Student Aid (FAFSA) with the total estimated cost of attendance for the academic year. Financial aid received from Clarkson College is intended to supplement student and family resources.

If you would like to explore more after reading this section of the catalog, please visit the Financial Aid section of our website.

Financial Aid Eligibility Determination

In order to uniformly determine the need of students applying for financial assistance, all applicants must complete a Free Application for Federal Student Aid (FAFSA) and indicate Clarkson College (**federal school code 009862**) as a recipient of the results. The award year at Clarkson College begins with the fall semester and concludes with the summer semester. If eligible, the student will be offered via official award notification, a financial aid package consisting of one or more types of assistance. The student may accept the aid in total or in part.

To be considered for financial aid, a student must also:

- Be a U.S. citizen or eligible non-citizen.
- Have a valid Social Security Number.
- Have earned a high school diploma or GED certificate.
- Not be in default on a federal student loan or owe a refund to any federal financial aid program at any institution.
- Have not received a conviction for any offense—during a period of enrollment for which the student was receiving federal financial aid—under any federal or state law involving the possession or sale of illegal drugs.
- Register with the U.S. Selective Service if required to do so.
- Be admitted into an eligible degree-seeking program at Clarkson College.
- Be enrolled in at least half-time (undergraduate students: six credit hours; graduate students: three credit hours) for each semester the student wishes to be considered for financial aid.
- Be enrolled in courses that fulfill the student's degree requirements.
- Submit additional documents or information as requested by the Student Financial Services department.
- Maintain all Satisfactory Academic Progress requirements each academic term.
- Certify that federal student aid awards will be used only for educational purposes.

Award Notifications

Students who qualify for financial aid and have successfully completed the financial aid application process may view their award notifications online through Net Partner (accessed through the Clarkson College website). Net Partner access instructions, log-on ID information and instructions on how obtain your password will be sent to the student the first time financial aid is awarded from Clarkson College. The student's financial aid counselor will send the student notifications of subsequent and revised awards.

Net Partner allows the student to view, accept or decline awards and to receive specific information about award offers. The student must accept financial aid award offers through Net Partner before the aid can be disbursed. The student also has the option to decline awards or reduce student loan award offers.

Disbursement of Financial Aid

Financial aid will be applied directly to Clarkson College tuition, fees, on-campus housing (if applicable) and other charges before funds will be released to the student for other educational expenses. If financial aid received exceeds the semester charges, a refund check will be issued to the student and mailed to the address on record with the Registrar.

If a balance remains after financial aid is received, the student is responsible to pay the outstanding balance by the tuition payment due date.

Enrollment Status Requirements for Financial Aid Purposes

To receive most financial awards, including a student loan, the student must be enrolled at least half-time. Some financial aid awards are prorated based on a student's enrollment status.

Undergraduate Students:

Enrollment Status	Semesters	Credit Hours
Full-time	Fall, spring and summer	12 or more per semester
Three-quarter time	Fall, spring and summer	9-11 per semester
Half-time	Fall, spring and summer	6-8 per semester

Graduate Students:

Enrollment Status	Semesters	Credit Hours
Full-time	Fall, spring and summer	6 or more per semester
Half-time	Fall, spring and summer	3-5 per semester

Repayment of Financial Aid

When a student withdraws from all Clarkson College courses and the student received financial aid, he or she may be required to return/repay a certain percentage of federal financial aid that was or could have been disbursed. The amount of repayment required is based on formulas mandated by the Federal government. Federal funds that may have to be returned, in order of their required return, are unsubsidized Federal Direct Loans, subsidized Federal Direct Loans, Federal PLUS Loans, Federal Pell Grants and Federal Supplemental Educational Opportunity Grants (FSEOG).

Students must realize this policy may result in the student owing a balance to Clarkson College and/or to the federal government.

Satisfactory Academic Progress (SAP)

Federal regulations require that students attending an educational institution maintain satisfactory academic progress in the degree program they are pursuing in order to receive federal financial assistance. The purpose of these regulations is to ensure that limited federal financial assistance is disbursed only to those students sincere about pursuing and obtaining their educational objectives.

In order to comply with these federal regulations, Clarkson College has established certain standards of satisfactory academic progress. All continuing and former students who apply for financial aid must meet the academic standards listed below before federal assistance is certified and disbursed to the student.

The progress for each student will be verified with official Clarkson College enrollment records at the completion of each semester/quarter/term. To meet satisfactory academic progress, Clarkson College students must meet the following standards:

Undergraduate Qualitative Standard

- An undergraduate student must maintain a minimum Cumulative Grade Point Average (CGPA) of 2.0 on a 4.0 scale.

Undergraduate Pace Standards

- An undergraduate student must successfully complete at least 66 percent of total credit hours attempted. Grades of D, F, Incomplete (I), Withdrawal (W, WF, WP) and No Pass (NP) are not considered successful. A student's transfer hours that count toward the student's program will be considered as both hours attempted and hours successfully completed when calculating the student's SAP pace.
- A student pursuing an undergraduate degree at Clarkson College may not receive financial assistance when the student has attempted more than 150 percent of the required number of credit hours to complete the degree. The total number of credit hours includes courses taken at other institutions, which are applied to Clarkson College degree requirements. For example, if the undergraduate degree requires 130 credit hours for completion, the student may receive financial aid for up to 195 credit hours (150 percent of the credit hours required).

Graduate Qualitative Standard

- A graduate student must maintain a minimum Cumulative Grade Point Average (CGPA) of 3.0 on a 4.0 scale.

Graduate Pace Standards

- A graduate student must successfully complete at least 80 percent of the total semester hours attempted. Grades C, D, F, Incomplete (I), Withdraw (W, WF, WP) and No Pass (NP) are not considered successful. A student's transfer hours that count toward the student's program will be considered as both hours attempted and hours successfully completed when calculating the student's SAP pace.
- A student pursuing a graduate degree at Clarkson College may not receive financial assistance when the student has attempted more than 150 percent of the required number of credit hours to complete the degree. The total number of credit hours includes courses taken at other institutions which are applied to Clarkson College degree requirements. For example, if the graduate degree requires 40 credit hours for completion, the student may receive financial aid for up to 60 credit hours (150 percent of the credit hours required).

Warning, Suspension, Appeal & Reinstatement of Financial Aid Eligibility

Satisfactory Academic Progress Warning: A student who fails to meet one or more of the Satisfactory Academic Progress (SAP) standards will be placed on financial aid warning for one semester/quarter/term. This means the student may receive financial assistance during the warning period. The student's academic progress will be verified at the end of the warning period.

Satisfactory Academic Progress Suspension (Loss of Financial Aid Eligibility): If the student fails to meet the SAP standards during the warning period, the student will be placed on financial aid suspension. This

means the student is ineligible to receive funding from federal and non-federal financial aid programs at Clarkson College.

Satisfactory Academic Progress Suspension Appeal: A student whose financial aid eligibility has been suspended may submit a written appeal to his or her Financial Aid counselor. The appeal must be typed or written clearly, must provide a full explanation why SAP standards were not met and how the student will ensure the standards will be met in the future if his or her eligibility for financial assistance is reinstated. The appeal must explain any special or extenuating circumstances beyond the student's control that may have prevented all standards from being met. The student must sign and date the appeal. Supporting documentation from a physician, counselor, academic advisor or faculty member may be included with the written appeal but is not required.

The Financial Aid counselor will present the student's appeal for reinstatement of financial assistance to the Financial Aid Committee for review. The student will be notified by mail whether or not the appeal has been approved.

An appeal denied by the Financial Aid Committee may, at the student's request, be forwarded to the Director of Student Financial Services for further review. The Director's decision will be final.

Satisfactory Academic Progress Probation: A student whose SAP appeal is approved will be placed on SAP probation for one semester/quarter/term. This means the student may receive financial assistance during the probationary period and may continue to receive financial assistance as long as SAP standards are maintained. A probationary status may require the student to enter into a financial aid academic plan that, when followed, will ensure the student will meet SAP standards for a specific time.

A student who fails to meet SAP standards by the end of the probationary period will no longer be eligible to receive funding from federal and non-federal financial aid programs at Clarkson College, and the student is no longer eligible to file an appeal.

Satisfactory Academic Progress Reinstatement: A student who has failed to maintain SAP standards may reinstate his or her financial aid eligibility by successfully completing sufficient semester hours and/or attaining the required cumulative grade point average. A student remains ineligible for financial assistance until the semester following his or her attainment of the SAP standards.

When a student has attempted 150 percent of the required number of credit hours to complete the degree, the student is ineligible for federal and non-federal financial aid from Clarkson College. There is no appeal or reinstatement process for this SAP requirement.

Federal Student Employment & Loan Programs

Federal Work-Study (FW-S) Program

The Federal Work-Study (FW-S) program is funded by both the federal government and Clarkson College. The program provides on-campus employment opportunities for undergraduate students with financial need. An eligible student will be awarded a dollar amount that may be earned each semester. The FW-S awards and amounts are determined by Clarkson College. A FW-S award is not a guarantee of employment. The student must be eligible for employment with The Nebraska Medical Center, which includes a successful interview, background check and drug screening. Employment is also contingent upon availability of job openings within the College. To view current Federal Work-Study job openings at Clarkson College, visit The Nebraska Medical Center's website.

Federal Direct Loans

Federal Direct Loans are federally funded, low interest rate loans that are available to both undergraduate and graduate students. A student's eligibility for a Federal Direct Loan and the amount of the award is determined by Clarkson College based on Federal regulations. Several factors are used in the calculation of a student's loan award, including the student's grade level, cost of attendance, enrollment status, expected family contribution (EFC) and other financial aid awarded to the student. A student must file the FAFSA, complete a Master Promissory Note (MPN), complete loan entrance counseling and be enrolled at least half-time to receive a Federal Direct Loan award.

Federal Direct Loans are usually awarded for a two-semester loan period. The first disbursement will occur at the beginning of the first semester and the second will occur at beginning of the second semester.

The fixed interest rate on Federal Direct Loans is established through federal regulation and may change for new loans disbursed after July 1 of each year. The Department of Education charges an up-front loan origination fee on Direct Loans. See the Clarkson College website for current fee rates.

Repayment of Direct Loans (except for PLUS loans) begins six months after the student either graduates or ceases to be enrolled at least half-time. The maximum aggregate (life-time) loan amount a student may borrow under the Federal Direct Loan program is: $31,000 (no more than $23,000 of which can be subsidized) for a dependent, undergraduate student; $57,000 (no more than $23,000 of which can be subsidized) for an independent, undergraduate student; and $138,500 for a graduate student.

Subsidized Federal Direct Loans

The interest on a subsidized Federal Direct Loan will begin to accrue when the loan funds are disbursed to the student. However, that interest is paid by the federal government while the student is enrolled at least half-time.

Maximum annual subsidized Direct Loan limits are: $3,500 for first year undergraduate students; $4,500 for second year undergraduate students; and $5,500 for third and fourth year undergraduate students. A student's grade level is determined by the student's current academic status at Clarkson College.

Starting July 1, 2012, graduate students are no longer eligible for subsidized Direct Loans.

Unsubsidized Federal Direct Loans

Unsubsidized Federal Direct Loans are similar to the subsidized Federal Direct Loans except that the student is immediately responsible for payment of the interest on these loans. Students can make interest payments while in school, or the interest can be capitalized and added to the principal loan balance when the student graduates or ceases to be enrolled at least half-time.

Maximum annual unsubsidized Direct Loan limits are: $6,000 for first and second year undergraduate students; $7,000 for third and fourth year undergraduate students; and $20,500 for graduate students. A student's grade level is determined by the student's current academic status at Clarkson College.

Federal Direct Parent PLUS Loan

The Federal Direct Parent PLUS Loan is a federally funded, low interest rate loan for parents of dependent, undergraduate students. A parent may borrow a Direct Parent PLUS, regardless of financial need, for each dependent, undergraduate student enrolled at least half-time (six credit hours per semester). Potential borrowers will have their credit reviewed by the U.S. Department of Education as part of the loan origination process. A parent may borrow up to the student's estimated cost of attendance, less any financial assistance received by the student. The fixed interest rate on a Parent PLUS is established through Federal regulation and may change for new loans disbursed after July 1 of each year. Repayment of principal and interest usually begins 30-60 days after the loan has been fully disbursed. To apply for a Direct Parent PLUS loan, one parent

of the student must complete a Master Promissory Note (MPN) on the Direct Loan website, StudentLoans.gov and a Direct PLUS Request form. A parent who applies for a Direct PLUS must be a parent whose information is provided on the student's current academic year's FAFSA. Completed forms must be returned to, the Student Financial Services department.

Federal Direct Graduate PLUS Loan

Federal Direct Graduate PLUS Loans are available to graduate students to help pay for educational expenses. A graduate student must be enrolled at least half-time (three credit hours) to borrow from this program. The student may borrow up to his or her estimated cost of attendance, less Federal Direct Stafford Loan amounts and/or other financial assistance received.

The fixed interest rate on a Graduate PLUS is established through Federal regulation and may change for new loans disbursed after July 1 of each year. Repayment usually begins 30-60 days after loan funds are fully disbursed. The borrower may receive a deferment while he or she is enrolled at least half-time at an eligible institution. Deferment requests must be made directly to the lending institution.

Federal Nursing Student Loans

The Federal Nursing Student Loan Program is a federally funded loan program, administered by Clarkson College. Loans are awarded to undergraduate and graduate nursing students and are based on the student's financial need. The interest rate is fixed at five percent, which begins to accrue nine months after the student either graduates or ceases to be enrolled at least half-time. Award amounts are determined by Clarkson College. The maximum lifetime amount a student can borrow from the Federal Nursing Student Loan Program is $13,000.

Federal Grant Programs

The federal government provides a variety of grant programs for undergraduate students. The grants are awarded based on a student's financial need as determined from the student's Free Application for Federal Student Aid (FAFSA).

Federal Pell Grants

Federal Pell Grants are designed to provide educational financial assistance to those undergraduate students with the greatest financial need. Federal Pell Grants provide the foundation for many financial aid packages to which other federal and non-federal funds can be added. Students who have earned a bachelor's degree are ineligible for a Federal Pell Grant. A student is limited to receive 12 semesters (or its equivalent) of Federal Pell Grants.

Federal Supplemental Educational Opportunity Grants (FSEOG)

Federal Supplemental Educational Opportunity Grants are awarded to undergraduate students with financial need and have not earned a bachelor's degree. Students receiving a Federal Pell Grant, and who have remaining financial need, will be given priority when awarding FSEOG funds. FSEOG awards and amounts are determined by Clarkson College.

State Grant Programs

Nebraska Opportunity Grants

Nebraska Opportunity Grants (NOG) are funded by the State of Nebraska and where applicable, other contributing partners. The grants are awarded to undergraduate Nebraska resident students who demonstrate financial need as determined from the students' FAFSA results. NOG awards and amounts are determined by Clarkson College. Estimated NOG awards that appear on a student's award letter are contingent upon approval by the Nebraska Coordinating Commission for Postsecondary Education.

Undergraduate Merit-Based Scholarships

Clarkson College offers a variety of merit-based academic scholarships to undergraduate students, subject to review of a student's application and criteria requirements. The Clarkson College Scholarship Committee reviews all potential scholarship recipient applications. Fulfillment of minimum requirements listed below is **not** a guarantee of award. Scholarships are renewable each semester as long as a student maintains the required minimum cumulative grade point average and is enrolled at least half-time (six credit hours per semester). Award amounts are prorated each semester based upon the student's enrollment status. Scholarship applications will only be considered when a student is first admitted to Clarkson College.

To be considered for a Clarkson College academic scholarship, a student must:

- be accepted to an academic program at Clarkson College.
- submit a Free Application for Federal Student Aid (FAFSA) at fafsa.ed.gov
- submit the completed scholarship application and requested materials to the Clarkson College Admissions office.

Note: For students starting in the fall semester, the scholarship application deadline is March 1. For students starting the spring semester, the scholarship application deadline is October 1, and for students starting in the summer term, the scholarship application deadline is February 1. The Scholarship Committee may consider complete scholarship applications received after the appropriate deadline if funds are available. Application forms are available on the Clarkson College website and from the Admissions office.

Gateway to Success Scholarship for Minority Nursing Students

To be eligible for consideration, a student must have a high school cumulative grade point average of 2.5, be an American racial minority student (African-American, Asian-American, Hispanic or Native American). The student must be accepted to the Clarkson College traditional Bachelor of Science in Nursing program. The Gateway to Success Scholarship application deadline is April 1. Scholarships awarded will be disbursed in the subsequent academic year (disbursement in the fall and spring semesters). Application forms and a detailed list of requirements are available on the Clarkson College website and from the Student Financial Services department.

Academic Achievement Scholarship

To be eligible for consideration, an undergraduate student must have completed 24 semester hours at Clarkson College (does not include transfer hours), maintained a 3.90 or higher cumulative grade point average, be enrolled full-time and be in good standing at the College. Students may apply by completing a scholarship application form, submitting a short essay as described on the application form and submitting a letter of reference from a Clarkson College faculty member. Eligible students will be sent an Academic Achievement Scholarship application following the spring semester of each academic year. Select applicants will interview with the scholarship committee. Submission of an application does not guarantee an interview. The application deadline is June 1.

Endowed Scholarships

Due to the generous support of alumni and friends of Clarkson College, several endowed scholarships are available to students each year. The awards vary in eligibility criteria but generally are designed to reward those students who demonstrate high academic ability, leadership, high personal standards and special attention to the needs of patients. The amount of each award is based on fund availability. Scholarship applications are accepted each spring and awards will be disbursed during the subsequent academic year (disbursements in fall and spring semesters). The Student Financial Services department will notify students via e-mail when Endowed Scholarship applications are being accepted.

Endowed Scholarships include:

- Rachel E. Dinsmoor
- Founders Endowed Fund
- Margaret E. Christensen
- Clarkson College Alumni Association
- Virginia Cox
- Dr. and Mrs. Ali Ebadi
- Lorraine Wilbur
- Anne Armstrong
- Rita VanFleet
- Endowed Service League
- Ellen R. Miller
- Dr. Patricia B. Perry
- Dr. George Loomis

Other Scholarships

Various individuals, agencies and corporations also provide scholarships for Clarkson College students. The awards vary in eligibility criteria, which are based on specifications established by the donor. Award amounts are based on fund availability. Clarkson College is appreciative of the donors' generosity and our students are privileged to receive this additional source of financial assistance. Annually, Clarkson College receives scholarship funding from the EducationQuest Foundation.

Clarkson College Financial Assistance

In addition to scholarships, Clarkson College offers students financial assistance through grant, Resident Advisor and Ambassador programs.

Clarkson College Grants

Clarkson College Grants are awarded to undergraduate students with financial need. Students who do not qualify for Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOG) and Nebraska Opportunity Grants (NOG) are given priority when awarding the Clarkson College Grant. Amounts awarded are determined by Clarkson College.

Resident Advisor

A Resident Advisor (RA) is a Clarkson College student leader who is knowledgeable about the resources, services and activities available to students residing in on-campus housing. RAs live in the Clarkson College Residence Hall and have the primary responsibility of facilitating the development of a community atmosphere. RAs are awarded a Housing Scholarship from the residential management corporation.

Student Ambassador

Clarkson College Ambassadors are students selected to assist the Admissions Office with recruitment and special College events. Ambassadors receive a $750 scholarship each semester. Ambassador applications are

available from the Admissions office. Interviews are conducted and Ambassador appointments are made on a space-available basis. Please contact the Admissions office for additional information on how you can become a Clarkson College Ambassador.

Outside & Private Scholarships

The Clarkson College Student Financial Services department occasionally receives information regarding scholarship opportunities from sources outside the College. When such information is received, all current Clarkson College students are sent an e-mail describing the scholarship and application process.

Students are encouraged to search for scholarships from other sources outside of Clarkson College. Several websites are available for students to search for scholarship opportunities. A listing of reputable sites is available on the Clarkson College website and from the Student Financial Services department.

Clarkson College students are required to report all outside scholarships received to the Student Financial Services department. In addition, any outside scholarship checks received by students are required to be processed through the Student Financial Services department.

ROTC Scholarships

Air Force ROTC

Air Force ROTC students are eligible to compete for college scholarships. Students should enroll in Air Force ROTC classes offered at the University of Nebraska at Omaha (UNO). Eligibility and application requirements can be found on UNO's website at www.unomaha.edu/afrotc.

For further information about the Air Force ROTC Scholarship programs, please contact UNO ROTC at 402.554.2318 or visit their website at unomaha.edu/afrotc.

Army ROTC

The Army ROTC program at Creighton University has a partnership agreement with Clarkson College. This agreement affords Clarkson College students the opportunity to participate in the Army ROTC program at Creighton while pursuing an undergraduate degree at Clarkson College.

Army ROTC scholarships may be available to both college-bound high school students as well as students already attending a college or university. Scholarships are awarded based on a student's merit and grades, not financial need.

Army ROTC scholarship options include:

- Two-, three- and four-year scholarship options are offered based on the time remaining for the student to complete his or her degree.
- Full-tuition scholarships.
- Additional allowances pay for books and fees.
- Living expenses: Based on the student's level in the Army ROTC curriculum, the student may earn certain scholarship amounts to help cover the cost of monthly living expenses: first year - $300 per month; second year – $350 per month; third year - $450 per month; and fourth year - $500 per month. This allowance is also available to all non-scholarship Cadets enrolled in the Army ROTC Advanced Course (third and fourth year).

To learn more about any of these programs, please refer to the Army ROTC website at armyrotc.com/edu/creighton.

Safeguarding Customer Information

Clarkson College complies with federal regulations in accordance with the Family Educational Rights to Privacy Act (FERPA) and the Federal Trade Commission (FTC) rule under the Gramm-Leach-Bliley (GLB) Act to safeguard all student records, including personal financial information.

Before any account or financial information can be disclosed to someone other than the student, the student must submit a signed and dated FERPA Information Release form to the Student Financial Service department. The student must specify on the FERPA Information Release form the name(s) of the person(s) to whom information may be released. Information Release forms are available on the Clarkson College website and from the Student Financial Services department.

Student Accounts

Director of Student Financial Services
Dale Brown

Student Financial Services
101 South 42 Street Omaha, NE 68131-2739
PH 402.552.2749 **TF** 800.647.5500
sfsassist@clarksoncollege.edu

The Student Accounts office is responsible for charging tuition, fees and on-campus housing costs (if applicable).

Student Accounts staff members assist students with questions concerning billing statements, charges and payments on accounts. Please visit the Students Accounts section of the Clarkson College website for additional information.

Statement of Financial Responsibility

All students new to Clarkson College are required to sign a Statement of Financial Responsibility. This form must be returned to the Student Accounts office prior to the first day of the semester in which the student enrolls. The Statement outlines the student's financial obligations to the College and serves as the student's acknowledgement of Clarkson College policies related to payment of charges for tuition, fees and on-campus housing (if applicable).

Billing Statements

Billing statements for tuition, fees and on-campus housing (if applicable) are available online through Self-Service. Statements are not mailed to students. It is the student's responsibility to view his/her billing statement and submit payment by the tuition and fees payment due date.

Account Payments

Upon registering for classes, a student becomes financially responsible for all tuition, fees and on-campus housing charges (if applicable). Student Account balances must be paid in full or an approved payment agreement must be arranged with the Student Accounts office, before the **third** week of the semester. It is the student's responsibility to make appropriate payment arrangements and payments on time. Failure to comply with this payment policy may result in assessment of up to four late payment fees per semester or the student may be withdrawn or dropped from classes.

Clarkson College accepts cash, checks, credit cards, money orders and cashier's checks for payment of tuition, fees and housing charges. Payments can be made in person, by mail, or through Self-Service by using a credit/debit card. Personal checks returned due to insufficient funds or a closed account will be charged a returned check processing fee. Students whose checks are returned may be required to make subsequent payments to Clarkson College with cash, credit card, money order or a cashier's check.

International Student Payment Policy

International students are required to make advance payment for all tuition, fees and on-campus housing (if applicable) each semester in which the student is enrolled. The student's payment must be received by the Student Accounts office by the fourth day of the semester. If the student's account is not paid in full by the due date, the student will be dropped from all courses on the fifth day of the semester.

Third party billing or alternative payment arrangements are not available to international students.

Payment must be made in U.S. dollars. Clarkson College accepts payment by cash, electronic funds transfer, credit card (VISA, Mastercard and Discover) and U.S. Postal Service money order only.

All international students new to Clarkson College are required to sign a Statement of Financial Responsibility and submit it to the Student Accounts office prior to the first day of the first term in which the student enrolls at the College.

Bookstore Vouchers

A book voucher allows eligible students to charge textbooks (purchased from the Bookstore) to their student account. A student may be eligible for a book voucher only if he or she will receive financial aid in excess of tuition, fees and on-campus housing charges, and a refund check will not be available on the first day of classes.

Cashier

The cashier is located in the Student Financial Services department on the first floor of the main Clarkson College building. Students may make payments on accounts, receive copies of account history and verify the status of financial aid application and disbursement processing.

COPPER (Clarkson Optional Payment Plan - Employee Reimbursement)

The COPPER plan allows students who are employed by The Nebraska Medical Center and who qualify for tuition reimbursement to defer payment of tuition for up to two weeks after grades are issued. Deferment is for tuition only. Payment of fees and other charges is due by the end of the third week of classes. A COPPER

Agreement form must be signed each semester and submitted to the Student Accounts office before the tuition and fees payment due date. A payment plan fee will be assessed to the student's account for participation in this program.

Deferred Payment Plan

The Deferred Payment Plan (DPP) is offered as a service to all Clarkson College students. This program allows students to make three monthly payments of one-third of the tuition and fees charged for the semester. The student must contact the Student Accounts office prior to the tuition and fees payment due date each semester to participate. A payment plan fee will be assessed to the student's account for participation in this program.

Financial Aid Extension

Students who have completed the application process for financial aid but whose funds will not be disbursed before the tuition payment due date may request an extension of the due date. Requests must be made in writing and submitted to the Student Accounts Manager before the tuition payment due date. Payment for an amount not covered by financial aid must be received in the Student Financial Services department by the payment due date.

Refund Checks

A student with a credit balance on his or her student account will be issued a refund check for the amount of the credit. Refund checks are mailed to the student's address listed with the Registrar's office. Students may request to pick-up their refund check in the Student Accounts office by notifying that office at 402.552.2749 before the check is issued. Refund checks are available for pick-up Mondays after noon unless otherwise posted. Students may be required to provide a valid Clarkson College photo ID at the time of check release.

A student may request that the credit balance remain on his or her student account to cover future charges by completing a Credit Balance Retention form. The form must be submitted to the Student Accounts Manager prior to the issuance a refund check.

Tuition Assistance

It is the student's responsibility to contact the Student Accounts Manager if the student is eligible for tuition assistance from a source outside of Clarkson College, such as Veterans' Administration, the student's employer, Workforce Development or Vocational Rehabilitation. Billing statements from Clarkson College may be mailed to an agency that will make payments on the student's behalf. However, the Student Accounts Manager must grant approval before special billing is established. The student must submit a completed Release of Information form to the Student Accounts Manager before any account information can be shared with an outside party.

Tuition Refund Policy

Fees are non-refundable after the first week of the semester. To receive a 100 percent refund of tuition and fees for traditional 15- or 12-week courses, the official Change of Registration/Leave of Absence/Withdraw form must be completed and received by the Registrar's office on or before the last day of the first week of

the semester. After the appropriate form has been received, the refund schedule published in the schedule of classes will be applied. Refund schedules are available on the Clarkson College website and in the Student Financial Services department. A change of registration fee will be assessed to the student's account for change in registration beginning the second week of the semester.

To receive a 100 percent refund of tuition and fees for a six week online course, the official Change of Registration/Leave of Absence/Withdraw form must be completed and received by the Registrar's office no later than the second business day of the session. Fees are nonrefundable after the second business day. A change of registration fee will be assessed to the student's account beginning the third day of the course.

Clarkson College tuition refunds will be credited to the student's account. It is the student's responsibility to be aware of the tuition refund policy and to pay remaining balances by the tuition payment due date.

Only the Student Accounts Manager can approve exceptions to the tuition and fee refund schedule. Deans, directors, faculty members and staff are **not** authorized to make exceptions. Refunds are calculated based on the date the completed paperwork is received by the Registrar.

Note: *It is strongly recommended that students consult with Financial Aid counselor prior to withdrawing from or dropping any classes. A change in credit hour enrollment may result in the return of financial funds to the source from which they originated (i.e. the U.S. Department of Education, the student loan lender or agency). Returned funds may result in a charge to the student's account and may result in a balance due for which the student will be responsible for immediate repayment.*

Tuition & Fees

Tuition	
Undergraduate Courses	$459 / credit hour
Graduate Courses	$512 / credit hour
Nebraska Medicine Partnership Rate – Undergraduate Courses	$299 / credit hour
Nebraska Medicine Partnership Rate – Graduate Courses	$335 / credit hour
Nurse Anesthesia Program	$785 / credit hour
Doctoral Programs	$721 / credit hour
Nebraska Medicine Partnership Rate – Doctoral Program	$597 / credit hour
Practical Nursing Program	$296 / credit hour

Mandatory Fees	
Activity Fee (except off-campus sections)	$4 / credit hour
Administrative Service Fee	$5 / credit hour
Technology Fee: Online	$45 / credit hour

Mandatory Fees	
Technology Fee: Hybrid	$18 / credit hour
Technology Fee: On Campus	$12 / credit hour

Course Lab and Fee Schedule	
HIM: RHIT Exam (HM 445)	$299 / class
HIM: RHIA Exam (HM 477)	$299 / class
MHA: Cultural Assessment Fee (MB 810 course fee)	$40 / class
MHA: Cultural Assessment Fee (MB 905 course fee)	$20 / class
MHA: Simulation Fee (MB 836 course fee)	$15 / class
Gen. Ed.: Lab Supplies Fee (all Gen. Ed. labs)	$30 / lab
Gen. Ed.: Cadaver Lab Supplies Fee (BI 311, BI 805)	$125 / class
Recitation Fee (BI 211, BI 213, CH 110)	$50 / class
MI: Lab Supplies Fee (all MI labs)	$30 / class
PTA: Lab Supplies Fee (all PTA labs)	$30 / lab
PTA: APTA Membership (PTA 101)	$100 / class
PTA: Board Prep Course Fee (PTA 212)	$200 / class
RT: Lab Fee (RT 105L, RT 110L, RT 120L, RT 125L, RT 140L)	$30 / lab
RT: Markers	$26 / student
RT: Trajecsystem (RT 265, clinical tracking)	$100 / class
RT: Board Review Testing (RT 285)	$45 / class
PN: PN Lab Fee (NUR 110, NUR 122, NUR 130, NUR 142, NUR 150, NUR 161)	$30 / class
PN: PN Nurse Testing Fee	$113 / semester
PN: Passport Facility Orientation Fee (NUR 110, NS 125)	$6 / student
BSN: BSN Lab Fee (NS 126, NS 234, NS 255,NS 343, NS 345, NS 351, NS 431, NS 441, NS 469, NS 477)	$30 / class
BSN: BSN Nurse Testing Fee	$150 / semester
BSN: Neighborhood Access Simulation (NS 115, NS 330, NS 340, online program)	$35 / class

Course Lab and Fee Schedule	
BSN: Passport Facility Orientation Fee (NS 125 course fee)	$5 / student
NP Tracking System (NS 830, student tracking program, one-time fee)	$80 / class
MSN: Lab Fee – Graduate Weekend (NS 830, NS 832, NS 844, supplies kit) (NP only)	$53 / class
MSN: Cultural Assessment (NS 799)	$40 / class

Additional Fees and Charges	
Advanced Placement Exam Fee	varies by exam
Application Fee	$35 / each
Background Check Fee	$43 / each
Change of Registration Fee	$25 / each
Enrollment Fee (first-time students)	$100 / each
Late Payment Fee – Balance < $1000	$25 / each
Late Payment Fee – Balance > $1000	$50 / each
Late Registration Fee	$50 / each
Life Learning Evaluation Fee	50 percent tuition
Transcripts (non-graduates only)	$5 / each

Miscellaneous	
Payment Plan Service Charge	$20 / semester
Returned Check Fee	$35 / each
The Nebraska Medical Center Parking Fee	$156 / fiscal year
Drug and Alcohol Screening Fee	$110 / each

Residence Hall Rate

Please visit the Rent Schedule Addendum page in the Housing section of our website for rent package rates and fees.

Note: *All tuition, fees, policies and programs are subject to change. Notice of any change will be communicated to students, faculty and staff.*

*The student fees for drug/alcohol screenings and background checks will be the responsibility of the student per specific program requirements. Estimated expense per student is $37-$110 dependent on his or her state of residence.

Academic Information & Policies

This section lists all of the official academic information and policies pertaining to Clarkson College students. The academic policies are provided to ensure a quality education and equity. For additional information, you may go to the Registrar section of our website.

Academic Advising

Each student at Clarkson College is assigned an academic advisor. The advisor provides assistance with course selections and program progression. Advisors may also provide professional and career assistance.

Academic Integrity

Students at Clarkson College are expected to be honest and forthright in their academic endeavors. The Clarkson College Mission includes the expectation of high standards in ethical behavior as well as in scholarship. Academic integrity is an integral component of the Clarkson College Mission and Values. The College seeks to foster respect (for self and others), truth in honest achievement and positive relationships among stakeholders in our academic community.

Academic dishonesty includes any form of cheating and/or plagiarism which results in students giving or receiving unauthorized assistance in an academic exercise or receiving credit for work which is not their own. Cheating, plagiarism, fabrication or other forms of academic dishonesty corrupt the learning process and demean the educational environment for all students.

Definitions of academic dishonesty include, but are not limited to:

1. ***Fabrication:*** Making any oral or written statement, which the individual knows, or should have known, to be untrue. Examples of fabrication include, but are not limited to, the following actions:
    1. Making a false statement to faculty, Clarkson College employee(s), fellow students or clinical agency personnel.
    2. Altering records or other academic materials.
2. ***Cheating:*** Giving or receiving, offering or soliciting information on any examination, quiz, or other assignment, not authorized by the instructor. Examples of cheating include, but are not limited to, the following actions:
    1. Copying from another student's paper.
    2. Use of unauthorized aide/materials during examinations, quizzes or any other assignment.
    3. Collaboration with another student without instructor approval on any examination, quiz, nursing care plan, computer or laboratory work, or any other assignment. Collaboration includes the exchange of materials or ideas verbally or non-verbally.
    4. Buying, selling, possessing, soliciting, transmitting, or using any material purported to be the unreleased contents of any assignment, including examinations and quizzes.
    5. Bribery or solicitation of any person to obtain or to provide any information relating to examinations, quizzes or other assignments.
    6. Substitution for another person during an examination or quiz.
3. ***Collusion***: Working together with another person with an "illegal" or "deceitful" purpose in the preparation of work which an instructor expects to be accomplished on an individual basis.

4. ***Plagiarism:*** To steal or pass off the ideas or words of another as one's own, without crediting the source. Examples of plagiarism include, but are not limited to, the following actions:
    1. Quoting word for word from a source without using quotation marks, footnotes, reference, or bibliographic citation.
    2. Summarizing and paraphrasing ideas without acknowledging the source.
    3. Submitting work for credit which has not been written by the student, including, but not limited to material from an on-line source, papers written by another person, or buying a paper from a commercial source.
    4. Submitting, without prior permission, academic work that has been previously submitted in identical or similar form.
5. ***Failure to Report:*** When behavior suspicious of an Honor Code violation is not brought to the attention of the faculty for investigation.
6. ***Misrepresentation:*** "Providing false information to an instructor concerning an academic exercise" (Hollinger & Lanza-Kanduce, 1996). Examples of misrepresentation include, but are not limited to, the following actions:
    1. Giving a false excuse for missing an examination, quiz or assignment deadline
    2. Falsely claiming to have submitted a paper or assignment.
7. ***Sabotage:*** "Consists of actions that prevent others from completing their work" (Stern & Havlicek, 1986). Examples of sabotage include, but are not limited to, the following actions:
    1. Disturbing someone's lab experiment or project.
    2. Moving materials from a reserved reading file so that others cannot use them.

Faculty Responsibility:

Because academic honesty is of vital concern to the faculty and because each discipline may raise its own specific set of issues, all faculty members are required to discuss the issue of academic integrity in their classrooms and to explain how the College policy applies in each of their courses. Faculty that have specific outcomes/consequences for incidences of academic dishonesty related to specific assignments in their courses are strongly encouraged to provide this information to their students within the course syllabus.

Student Responsibility:

At a minimum, the College expects the student to complete any assignment, exams, and other academic endeavors with the utmost honesty, which requires the student to:

- Acknowledge the contributions of other sources to their scholastic efforts
- Complete assignments independently unless otherwise instructed
- Follow instructions for assignments and exams, and observe the standards of academic discipline
- Avoid engaging in any form of academic dishonesty on behalf of the student or another student
- Ask the faculty if there are any questions regarding academic honesty

Students found guilty of violating the Academic Integrity policy may face academic sanctions by the faculty for the course. Possible sanctions faculty may impose include, but are not limited to the following:

- Loss of credit on the assignment/exam
- Have the student redo the assignment
- Lower the student's grade for the assignment
- Lower the student's grade for the course
- Fail the student in the course

Academic Integrity Violation Procedure

Incidents of academic dishonesty will not be tolerated and students suspected of such conduct are subject to disciplinary measures as outlined below. Faculty and students involved in the academic integrity issue will be held to the strictest guidelines of confidentiality in all matters pertaining to the issue.

Step 1: The faculty member notifies their program director (or designee) of the alleged academic integrity issue. The faculty member must complete the Academic Integrity Conference Form. The burden of proof rests with the faculty.

Step 2: Faculty contacts the student regarding the alleged violation to the Academic Integrity policy and schedules a meeting with the student to take place within five (5) business (not including holidays and/or semester breaks) days of when the occurrence was identified. The faculty advises student to bring all supporting evidence to the meeting with the faculty.

Step 3: Faculty discusses the issue with the student, and the student completes and returns Part II of the form to faculty within one (1) business day of the meeting, attaching any additional evidence as needed.

Step 4: At the meeting, the faculty member documents what disciplinary actions will be taken. Disciplinary action will be at the discretion of the faculty. Faculty informs student of their right to due process and timeline. *

Faculty member then forwards a copy of the form along with the evidence to those designated at the bottom of the form.

If the student fails to meet with the faculty member within the forementioned deadline or return the form with signature within 24 hours, the standing decision is final.

***If Academic Integrity violations occur within one week of graduation, the VPAA will design an appropriate due process timeline**

Step 5: Upon completion of the Academic Integrity Violation Procedure, the VPAA will forward the appropriate completed documents to the following people:

- Program Director and Academic Advisor–Academic Integrity Conference Form with supporting evidence and Sanction letter from VPAA
- Registrar-Sanction letter from VPAA
- Student – Sanction letter from VPAA

Step 6: The office of the VPAA will maintain a record of student violations to the Academic Integrity policy and make appropriate sanctions to students who are found to be in repeated violation of the Academic Integrity policy. In addition, the VPAA will review and track issues of academic integrity, and report data and trends of academic integrity to the college community.

Step 7: The faculty will refrain from assigning a final course grade for the student until the academic integrity issue is resolved. If the course concludes before resolution, the faculty will assign a grade of incomplete with an indication of "pending academic integrity review".

Sanctions

In the event a student is found guilty of violations to the Academic Integrity Policy, the VPAA will provide documentation to the student regarding their level of violation:

- First violation: Warning
    - The office of the VPAA will send a letter to the student informing them of the Academic Integrity violation and possible consequences of future violations to the policy.

    - At this level the student must meet with the program director to discuss the Academic Integrity policy and remediate as appropriate.
    - The program director must document what remediation was given.
- Second violation: Academic Integrity Probation
    - The office of the VPAA will send a letter to the student informing them of the Academic Integrity violation and possible consequences of future violations to the policy. The office of the VPAA will notify the Registrar.
    - The student is placed on Academic Integrity Probation.
        - A student is placed on Academic Integrity Probation for their second violation to the Academic Integrity Policy. A notation is placed in the student's file to serve as an alert to the student that their academic behavior is unacceptable and to impress upon them the importance of giving serious attention to their academic integrity behavior in order to continue to be a student at Clarkson College.
        - The student will remain on Academic Integrity Probation until graduation.
    - At this level the student must meet with the program director to discuss the Academic Integrity policy and remediate as appropriate.
    - The program director must document what remediation was given.
    - Third violation: Dismissal from the College
        - The office of the VPAA will send a letter to the student informing them of the Academic Integrity violation and dismissal from the College.
        - Three violations to the Academic Integrity policy will result in the student being dismissed from the College by the VPAA.

Academic Integrity policy violations that involve substantial dishonesty, pre-meditation, and disregard for the Academic Integrity policy may warrant a more severe sanction regardless of prior violation.

Due Process

Academic integrity issues should be resolved at the lowest level possible. However, when a student disagrees with a faculty member regarding the issue of academic integrity, the student has fourteen (14) business days to submit an appeal in writing to the VPAA. If the student fails to meet the above deadline for appealing a decision, the standing decision is final. The VPAA will convene the Academic Integrity Committee to review the appeal within fourteen (14) business days of the request.

Academic Integrity Committee

The Academic Integrity Committee‘s purpose is to serve as an appellate board. The membership of the Academic Integrity Committee will consist of the following: the Vice President of Academic Affairs (VPAA) and the Vice President of Operations (VPO) will be the co-chairs and non-voting members of the Academic Integrity Committee. The co-chairs will de-identify the dispute to maintain confidentiality. The co-chairs will convene five (5) members of the academic community for the Academic Integrity Committee. The co-chairs convene administration, faculty, and students that are deemed to not have any conflicts of interest with regards to any part of the dispute. Members of the Academic Integrity Committee will be held to the strictest guidelines of confidentiality in all matters pertaining to faculty and students. The committee will consist of the following:

- 1 academic dean or program director/coordinator (if necessary) who is outside the student's major or minor
- 2 faculty members selected by the Faculty Senate President who teach outside the student's major or minor and who have had at least two full time semesters' employment;
- 2 students selected by SGA who are enrolled outside the student's major or minor and who have earned at least 24 semester hours at Clarkson College;

The Academic Integrity Committee's decision is final. There is no appeal to this process.

The student's program director, course program director and/or dean, and faculty will be notified of the decision of the Academic Integrity Committee by the chair within five (5) business days of the decision. The chair of the committee will notify the student of the decision of the committee by certified letter.

Academic Probation

Students must maintain satisfactory academic status. A student who fails to maintain a satisfactory academic status will be placed on Academic Probation. The term "Academic Probation" will appear on the student's transcripts for the appropriate semester.

Undergraduate

Undergraduate students must have a 2.0 Cumulative Grade Point Average (CGPA) to maintain satisfactory academic status. A student who fails to maintain a 2.0 CGPA after earning 12 hours of credit at Clarkson College will be placed on Academic Probation for a period not to exceed one year. If the CGPA is not re--established to at least 2.0 by the end of that time, the student will be dismissed from the academic program.

Graduate

Graduate students must maintain a 3.0 Cumulative Grade Point Average (CGPA) for successful completion of the program of study. A graduate student with a CGPA of less than 3.0 after attempting six semester hours will be placed on Academic Probation for a period not to exceed one year.

Academic Year

Clarkson College offers day and evening courses throughout the year. Regular semester courses are organized into two 15-week semesters and one 12-week summer term. Accelerated term courses are organized into six-week terms. Classes of various durations may be offered during each semester to facilitate earning a degree.

Advanced Standing Credit

Clarkson College recognizes that valid learning experiences are not restricted to the formal classroom. Many individuals attain college-equivalent knowledge and skills through a variety of means. The policy of Clarkson College is to award college credit for non-traditional learning in cases where such credit is appropriate.

Criteria used for granting credit by evaluation of non-traditional study are outlined below. Evaluated credit will be posted on the transcript after all admissions and fee requirements have been met and upon successful completion of one semester at Clarkson College.

Students who have received an "I," "F" or "NP" in a course cannot earn advanced standing credit for that course. Credit is granted after the student earns a satisfactory score on an examination or a satisfactory evaluation of the portfolio on the first attempt. If unsuccessful, the student must enroll and complete the course. Advance standing is not applicable to the residency requirement.

Only students in good standing may earn advanced standing credit. Students will be given appropriate credits designated by a "P/NP" on the transcript.

Fees will be determined on an annual basis.

Methods of Earning Advanced Standing Credit

Advanced Standing Credit is a method by which students can earn credit without completing a course(s) through the following methods:

1. Standardized Testing (No tuition or fees charged to student)

- College Level Examination Program (CLEP)
- Advanced Placement (AP) Examinations (minimum score of three required)
- Defense Activity for Non-Traditional Education Support (DANTES)
- Microsoft Office Specialist
- Health Information Management National Certification(s)
- Post Primary Certificate (American Registry of Radiologic Technologists ARRT)
- Project Management Certification (PMP)
- Other standardized tests with demonstrated reliability and validity may be considered for Advanced Standing Credit, to be determined by the program director/Registrar

The Registrar's office will record credit when official transcripts and/or certifications have been received.

2. Credit for Learning Through Life/Work Experience

Credit may be granted for learning acquired through life/work experience that parallels a student's program at Clarkson College. The credit granted may be substituted for program requirements or elective credits and is not granted for courses in which a standardized exam is available. The program director and Registrar, in accordance with College policy, will determine whether such credits satisfy major, core or general education requirements toward the appropriate degree.

a. Prior Learning Validation by Portfolio (50 percent tuition charged to student)

Individuals seeking a degree who believe their prior experiences may qualify them to receive college credit can seek credit through the portfolio method. The student's academic department will assist the student in completing the portfolio process. Portfolio documentation will include appropriate and acceptable evidence of equivalent knowledge. Each academic program will determine the maximum number of credit hours that may be granted through life/work experiences and publish it annually in the College Catalog. Each academic program will also determine what specific courses may be fulfilled via credit by learning through validation by portfolio exam. **Students must request portfolio credit with their program director, advisor, or instructor, no later than one semester prior to graduation).**

b. Prior Learning Validation by Transition Course Completion and Awarding of Major Course Credit Tuition and Fees (charged to student)

Academic programs may grant credit for prior learning for courses in the major by validation via satisfactory completion of a transition course(s) and subsequent award of major course credit. Prior learning of major content is a prerequisite for registration in a transition course. Successful completion of the transition course then validates the student's prior knowledge. Each academic program will determine the maximum number of credit hours that may be granted through life/work experiences and what specific courses may be fulfilled via credit by learning by transition course completion and award of escrow credit. Transition courses currently include: HC 200 Health Care Science Update I, HC 205 Health Care Science Update II and HC 210 Health Care Science Update III, NS 349 Pathways for Success, NS 355 Concepts of Professional Practice-LPN-BSN, NS 356 Concepts of Professional Practice for RN to MSN, NS 357 Physical Assessment for RN-MSN. Additional courses maybe added. **Student must register for the course(s).**

c. Credit by Internal Examination (50 percent tuition charged to student)

Currently enrolled students, through outside study or relevant experience, may feel prepared to demonstrate that they have attained the knowledge and/or skills required to pass a particular course. As an alternative to enrolling in the course, the student may elect to take an internal proficiency examination that tests for mastery of the course material. If a student scores satisfactorily on the examination, the student may be awarded credit for the course. The credit granted may be substituted for program requirements or elective credits and is not granted for courses in which a standardized exam is available. Each academic program will determine what courses may be fulfilled via credit by internal examination. All NLSN exams and internal exams for advanced standing credit will be scheduled and administered by the Coordinator of Online Education or by the Success Center.

Students must request an internal examination with their program director/advisor/instructor, no later than one semester prior to graduation. Students are strongly encouraged to complete examinations prior to the beginning of each semester to facilitate course enrollment if unsuccessful.

No letter grade is assigned for a course that is granted credit without attendance. Students who have received an “I,” “F” or “NP” in a course cannot earn advanced standing credit for that course.

Credit is granted after the student earns a satisfactory score on the examination or a satisfactory evaluation of the portfolio or performance on the first attempt. If unsuccessful, the student must enroll and complete the course. Advanced standing credit is not applicable to the residency requirement.

Fees Schedule

Fees will be determined annually. A listing of the fees can be found in the Tuition and Fees section of this catalog.

American Council on Education/College Credit Recommendation Service

Clarkson College serves as the Nebraska State Office for the American Council on Education (ACE) and College Credit Recommendation Service (CREDIT) program.

College Credit Recommendation Service

The College Credit Recommendation Service (CREDIT) office, through the American Council on Education, evaluates corporate training/educational programs to ensure the inclusion of college-level criteria and recommends college credit appropriate to the education.

Attendance/Non-Attendance

Federal regulations require Clarkson College to monitor student attendance for the purpose of determining a withdrawal date in cases of unofficial withdrawal. The school must demonstrate that the student has remained in academic attendance through a specified point in time. The school’s determination of the student’s last day of attendance must be based on an academically related activity, as documented by the school. The school must verify the activity as academically related and that the student attended the activity. If these conditions are met, the following are acceptable forms of such documentation: exams, records of attendance, tutorials, computer-assisted instruction, counseling, academic advisement, completing an academic assignment, paper or project, or attending a required study group.

Students must attend all classes in which they are enrolled and follow the attendance policies of individual programs as specified in the course syllabus. Each program determines specific attendance policies. Students in skills laboratory courses, clinical courses, practicums and internships are required to attend. Classes may be made up within the same semester at the discretion of the faculty.

In those cases where a crisis (as identified by the course faculty) has occurred, course faculty must be notified, if possible.

Auditing a Course

Students who elect to audit a course must register for the course and pay full tuition. The student will not be required to take examinations or complete any assignments. No grade can be earned nor can the student apply the course to the degree requirements or convert to credit once the course begins.

Cancelling a Course

Clarkson College takes every opportunity to minimize student cost. One way of accomplishing this is by effective management of course offerings. For this reason, a course may be cancelled because of insufficient enrollment. Determination to cancel a course offering will be made by the academic program director. Every effort will be made to notify students and direct them to an alternative enrollment.

If the cancelled class has a corresponding online section, students previously enrolled in the on-campus section can transfer to the online section of the class. Online education fees will be applicable.

Change of Personal Information

Students who change their legal name, address, telephone number or any other pertinent information are required to notify the Registrar's office in writing of the change. Clarkson College will not be responsible for the events that occur when students have not notified the College of a name or address change.

Clarkson College Behavioral Intervention Team

The goal of the Clarkson College Behavioral Intervention Team is to enable the College to intervene early and provide support and behavioral response to students displaying varying levels of disruptive, distressed and disturbed behaviors. The Clarkson College Behavioral Intervention Team, after consulting appropriate resources both internally and externally, will have the authority to take appropriate actions for the safety of the College community. Actions may include, but are not limited to, required educational workshops, required counseling/treatment, temporary suspension and expulsion. Any required outside treatment will be at the expense of the student.

Class Standing for Undergraduates

The number of semester credit hours completed indicates a student's class standing. The numbers of semester credit hours for the various class standings are:

Year	**Semester Credit Hours**
Freshman	0 – 30
Sophomore	31 – 60
Junior	61 – 90

Year	Semester Credit Hours
Senior	91+

Coursework Categories for Undergraduate Degrees

Clarkson College curricula require the completion of four types of courses designed to provide the components of a well-rounded education. These include: 1) General Education courses; 2) Core curriculum; 3) Support courses; and 4) Major courses.

General Education Courses

These are courses that serve as a foundation to the declared major. General Education courses are designed to provide a base of understanding broadly applicable to life and career and to provide experiences that enhance the student's major area of study.

Core Curriculum Courses

These are courses unique to Clarkson College designed to build skills and understanding that extend each student's competence. Core courses focus on health care and provide a framework for building personal and career enhancing experiences. Because the core courses are unique to Clarkson College, students are required to take those included in the curriculum of their academic programs.

Support Courses

These courses are identified by the student's major area of study and are in direct support of the student's major courses. Support courses in the major course areas are identified by faculty in the major course areas. They are developed in cooperation with major faculty and faculty prepared in the subject of the support course.

Major Courses

These courses are taken to fulfill requirements for a specific area of study or profession. New students are encouraged to discuss areas of interest, when applicable, with their advisor when enrolling.

Code of Conduct

Clarkson College students are not only members of the College community, but they are also citizens of the larger society. As citizens, they retain those rights, protections and guarantees of fair treatment that are held by all citizens. In addition, Clarkson College students are subject to the reasonable and basic standards of the College regarding discipline and maintenance of an educational environment. The purpose of the Clarkson College Student Code of Conduct is to foster a sense of trust, responsibility and professionalism among students and between students and the faculty/administration. Its fundamental goals are to promote ethical behavior, to ensure the integrity of the academic enterprise and to develop in students a sense of responsibility to maintain the honor of the health care profession. The Code is designed to assist in the personal and intellectual development of students as they work toward becoming health care professionals.

It is important to note that one's behavior as a student may have a long-term effect on one's career in addition to having Code of Conduct consequences at Clarkson College. A violation of certain laws may jeopardize a student's ability to obtain professional licensure. Therefore, students should consider their career goals as well as the Clarkson College Code of Conduct before making behavioral choices.

Students should make every effort to resolve disputes informally, between the parties involved and only use the student judicial process when those efforts have been exhausted and prove unsuccessful.

Definitions

Article I: Definitions

The term "College" means Clarkson College.

A. The term "student" includes all persons taking courses at the College on campus or through online learning, both full- and part-time, pursuing undergraduate or graduate studies. Persons who are not officially enrolled for a particular term but who have a continuing relationship with the College are considered "students."
B. The term "faculty member" means any person hired by the College to conduct classroom/clinical activities on or off campus.
C. The term "College official" includes any person employed by the College or The Nebraska Medical Center performing assigned administrative or professional responsibilities.
D. The term "member of the College community" includes any person who is a student, faculty member, College official, any other person employed by the College or is formally or informally associated or affiliated with the College. Human Resources and/or the Registrar's office shall determine a person's status in a particular situation whichever is appropriate.
E. The term "organization" means any number of persons who have complied with the formal requirements to be a recognized College group.
F. The terms "Clarkson College Judicial Council," "Judicial Council" or "judicial body" means any person or persons authorized by the President to determine whether a student has violated the Student Code and to recommend imposition of sanctions.
G. The term "Judicial Adviser" means the Vice President of Operations, who is authorized by the President to impose sanctions upon students found to have violated the Student Code. The Judicial Adviser chairs the judicial body.
H. The term "Appellate Board" means any person or persons authorized by the President or his/her designee to consider an appeal from the judicial body's determination that a student has violated the Student Code or from the sanctions imposed by the Judicial Adviser. Generally, the Vice President of Academic Affairs of Clarkson College serves as the "Appellate Board."
I. The term "shall" is used in the imperative sense.
J. The term "may" is used in the permissive sense.
K. The Vice President of Operations is the person designated to be responsible for the administration of the code.
L. The term "policy" is defined as the written regulations of the College as found in, but not limited to, the Student Code, Student Handbook and the Clarkson College Catalog.
M. The term "quorum" is defined by the Clarkson College bylaws as the majority.

Judicial Authority

Article II: Judicial Authority

A. The Judicial Council may be designated as arbiter of disputes within the student community in cases that do not involve a violation of the Student Code. All parties must agree to arbitration and to be bound by the decision with no right of appeal.
B. The Judicial Council shall be composed of eight members plus the Judicial Adviser, who will vote only in the case of a tie. The Judicial Adviser will chair called meetings.
C. Membership may be comprised of faculty, staff and/or students that are deemed to not have any conflicts of interest with regards to any part of the dispute, appointed by the Judicial Adviser and approved by the President.
D. Members will be appointed on a case-by-case basis.
    a. The Judicial Adviser shall develop policies for the administration of the judicial program and procedural rules for the conduct of hearings, which are not inconsistent with provisions in the Student Code.
    b. Decisions made by the Judicial Council and/or Judicial Adviser shall be final, pending the appeal process as established by the Student Code.

Proscribed Conduct

Article III: Proscribed Conduct

A. Jurisdiction of the College
Generally, College jurisdiction and discipline shall be limited to conduct that adversely affects the College community and/or pursuit of its objectives.
B. Conduct - Rules and Regulations

Any student found to have committed the following misconduct is subject to the disciplinary sanctions outlined in Article IV:

1. Acts of Dishonesty, including but not limited to the following:
    a. Furnishing false information to any College official.
    b. Forgery, alteration or misuse of any College document, record, blank letterhead or instrument of identification.
2. Disruption or obstruction of teaching, research, administration, disciplinary proceedings, or other College activities, including its public service functions on or off campus or other authorized non-College activities, when the act occurs on College premises.
3. Physical abuse, verbal abuse, threats, intimidation, harassment, coercion and/or other conduct which threatens or endangers the health or safety of any person.
4. Attempted or actual theft of and/or damage to property of the College or property of a member of the College community or other personal or public property.
5. Hazing, defined as an act that endangers the mental or physical health or safety of a student or that destroys or removes public or private property, for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in, a group or organization.
6. Failure to comply with directions of College officials or law enforcement officers acting in performance of their duties and/or failure to identify oneself to these persons when requested to do so.
7. Unauthorized possession, duplication, or use of keys to any College premises or unauthorized entry to or use of College premises.
8. Discrimination based on race, color, religion, ancestry, sexual orientation, physical or mental disability, age, national origin, ethnicity, gender, veteran's status or marital status.
9. Violation of published College policies, rules and/or regulations.
10. Violation of federal, state or local law on College premises, at College sponsored or supervised activities or while representing the College off campus.
11. Use, possession or distribution of narcotics or other controlled substances except as expressly permitted by law.

12. Public intoxication and/or the use, possession or distribution of alcoholic beverages except as expressly permitted by law and by the Clarkson College Drug and Alcohol Policy.
13. Possession of firearms, explosives, other weapons or illegal, unauthorized chemicals on College premises.
14. Participation in a campus demonstration that disrupts the normal operations of the College and infringes on the rights of other members of the College community; leading or inciting others to disrupt scheduled and/or normal activities within any campus building or area; intentional obstruction which unreasonably interferes with freedom of movement—either pedestrian or vehicular—on campus.
15. Obstruction of the free flow of pedestrian or vehicular traffic on College premises or at College sponsored or supervised functions.
16. Conduct which is disorderly, lewd or indecent; breach of peace; or aiding, abetting or procuring another person to breach the peace on College premises or at functions sponsored by, or participated in by, the College.
17. Theft or other abuse of computer time, including but not limited to:
    a. Unauthorized entry into a file, to use, read or change the contents, or for any other purpose.
    b. Unauthorized transfer of a file.
    c. Unauthorized use of another individual's identification or password.
    d. Use of computing facilities to interfere with the work of another student, faculty member or College official.
    e. Use of computing facilities to send obscene or abusive messages.
    f. Use of computing facilities to interfere with normal operation of the College computing system.
    g. Any other violation of the Clarkson College computer use policy.
18. Abuse of the Judicial System, including but not limited to:
    a. Failure to obey the summons of the Judicial Council or College official.
    b. Falsification, distortion or misrepresentation of information before the judicial body.
    c. Disruption or interference with the orderly conduct of a judicial proceeding.
    d. Institution of a judicial proceeding knowingly without cause.
    e. Attempting to discourage an individual's proper participation in, or use of, the judicial system.
    f. Attempting to influence the impartiality of a member of the judicial body prior to, and/or during the course of, the judicial proceeding.
    g. Harassment and/or intimidation of a member of the Judicial Council prior to, during, and/or after a judicial proceeding.
    h. Failure to comply with the sanctions imposed under the Student Code.
    i. Influencing or attempting to influence another person to commit an abuse of the judicial system.

C. Violation of Law and College Discipline

1. If a student is charged only with an off-campus violation with federal, state or local law, but not with any other violation of this Code, disciplinary action may be taken and sanctions imposed for grave misconduct, which demonstrates flagrant disregard for the College community. In such cases, no sanction may be imposed unless the student has been found guilty in a court of law or has declined to contest such charges, without actually admitting guilt (e.g., "nolo contendere").
2. College disciplinary proceedings may be instituted against a student charged with violation of a law that is also a violation of this Code. For example, if both violations result from the same factual situation, without regard to the pendency of civil action in court or criminal arrest and prosecution. Proceedings under this Code may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus.
3. When a student is charged by federal, state or local authorities with a violation of law, the College will not request or agree to special consideration for that individual because of his or her status as a student. If the alleged offense is also the subject of a proceeding before the Vice President of Operations under the Student Code, however, the College may advise off-campus authorities of the existence of the Student Code and of how such matters will be handled internally within the

College community. The College will cooperate fully with law enforcement and other agencies in the enforcement of criminal law on campus and in the conditions imposed by criminal courts for rehabilitation of student violators. Individual students and faculty members, acting in their personal capacities, remain free to interact with governmental representatives, as they deem appropriate.

Judicial Policies

Article IV: Judicial Policies

A. Charges and Hearings
   1. Any member of the College community may file charges against any student for misconduct. Charges shall be prepared in writing and directed to the Vice President of Operations. Any charge should be submitted as soon as possible after the event takes place, preferably within 30 calendar days. While Clarkson College cannot guarantee that all charges will be kept entirely confidential, the Judicial Council will make a reasonable effort to protect students' privacy.
   2. The Judicial Adviser may conduct an investigation to determine if the charges have merit and/or if they can be disposed of administratively by mutual consent of the parties involved on a basis acceptable to the Judicial Adviser. Such disposition shall be final and there shall be no subsequent proceedings. If the charges cannot be disposed of by mutual consent, the action is brought before the Judicial Council.
   3. All charges shall be presented to the accused student in writing. A time shall be set for a hearing, not less than five nor more than fifteen calendar days after the student has been notified. Maximum time limits for scheduling of hearings may be extended at the discretion of the Judicial Adviser.
   4. The hearing will follow a standard format listed below. The Judicial Adviser may alter the hearing format at his/her discretion.
      a. Everyone present states names/positions for the record
      b. Presentation of the complaint
      c. Opening statements for each side
      d. Each side presents case/calls witnesses (Judicial Council cross-examines)
      e. Closing statements
      f. Deliberation
      g. Decision
      h. Judicial Adviser determines and announces sanctions, if any.
   5. Hearings shall be conducted by the Judicial Council according to the following guidelines:
      a. Hearings normally shall be conducted in private.
      b. Admission of any person to the hearing shall be at the discretion of the judicial body or the Judicial Adviser.
      c. In hearings involving more than one accused student, the Judicial Adviser, at his or her discretion, may permit the hearings concerning each student to be conducted separately.
      d. The complainant and the accused have the right to be assisted by any adviser they choose, at their own expense. The advisor may be an attorney. The complainant and/or the accused is responsible for presenting his or her own case, and therefore, advisors are not permitted to speak or to participate directly in any hearing before the Judicial Council.
      e. The complainant, the accused and the Judicial Council shall have the privilege of presenting witnesses, subject to the right of cross-examination by the Judicial Council.
      f. Pertinent records, exhibits and written statements may be accepted as evidence for consideration by the Judicial Council.
      g. All procedural questions are subject to the final decision of the Judicial Adviser.
      h. After the hearing, the Judicial Council shall determine (by majority vote) whether the student has violated each section of the Student Code which the student is charged with violating.

i. The Judicial Council's determination shall be made on the basis of whether it is more likely than not that the accused student violated the Student Code.
j. A quorum is required in order for the Judicial Council to hear a case. The Judicial Adviser must be present.
k. Any member of the Judicial Council may excuse himself or herself if a conflict of interest exists.

6. There shall be at least one verbatim record, such as a tape recording, of all hearings before the Judicial Council. The record shall be the property of the College. All records associated with the proceedings or resolution will be kept in the Judicial Advisers office until two years after the student leaves the College. It will not be part of the student's permanent record.
7. Except in the case of a student charged with failing to obey the summons of the Judicial Council or a College official, no student may be found to have violated the Student Code solely because charges shall be presented and considered.
8. Should this process not be completed before the date on which grades are submitted by the department, no report will be recorded on the student's transcript. The grade will be blank on the academic record until all charges have been fully adjudicated.

B. Sanctions

1. The following sanctions may be imposed upon any student found to have violated the Student Code:
   a. Warning - a notice in writing to the student that the student is violating or has violated institutional requirements.
   b. Probation - a written reprimand for violation of specified regulations. Probation lasts for a designated period of time and includes the probability of more severe disciplinary sanctions if the student is found in violation of any institutional regulations during the probationary period.
   c. Loss of Privileges - denial of specified privileges for a designated period of time.
   d. Fines - Previously established and published fines may be imposed.
   e. Restitution - compensation for loss, damage or injury. This may take the form of appropriate service and/or monetary or material replacement.
   f. Discretionary Sanctions - work assignments, service to the College, community service, parental notification (if a minor), workshop attendance, required counseling, written explanation, financial restitution or other discretionary assignments.
   g. Residence Hall Suspension - separation of the student from the Residence Hall for a definite period of time, after which the student is eligible to return. Conditions for readmission may be specified.
   h. Residence Hall Dismissal - permanent separation of the student from the Residence Hall.
   i. College Suspension - separation of the student from the College for a specified period of time. Conditions for readmission may be specified.
   j. College Dismissal - permanent separation of the student from the College.
2. More than one of the sanctions listed above may be imposed for any single violation.
3. Other than College dismissal, disciplinary sanctions shall not be made part of the student's permanent academic record, but shall become part of the student's confidential record. Upon graduation, the student's confidential record may be expunged of disciplinary actions other than Residence Hall dismissal, College suspension or dismissal. Cases involving the imposition of sanctions other than Residence Hall dismissal or College suspension/dismissal shall be expunged from the student's confidential record five years after the final disposition of the case.
4. The following sanctions may be imposed upon groups of organizations:
   a. Those sanctions listed above in Section B 1, a through e.
   b. Deactivation - loss of all privileges, including College recognition, for a specified period of time.
5. In each case in which the Judicial Council determines that a student has violated the Code, the sanctions shall be determined and imposed by the Judicial Adviser. The Judicial Adviser shall consider the recommendations of the judicial body when determining sanctions. Following the

hearing, the Judicial Council and the Judicial Adviser shall advise the accused in writing of its determination and of the sanctions imposed, if any.

C. Interim Suspension In certain circumstances, the housing officer, the Vice President of Operations or a higher ranking College official may impose a College or Residence Hall suspension prior to the hearing before the judicial body.
    1. Interim suspension may be imposed only (a) to ensure the safety and well-being of members of the College community or preservation of College property; (b) to ensure the student's own physical or emotional safety and well-being; or (c) if the student poses a definite threat of disruption with the normal operations of the College.
    2. During the interim suspension, students shall be denied access to the Residence Hall and/or the campus (including classes) and/or all other College activities or privileges for which the student might otherwise be eligible, as the Vice President of Operations may determine to be appropriate.

D. Appeals
    1. A decision reached by the Judicial Council or a sanction imposed by the Judicial Adviser may be appealed by accused student(s) to an Appellate Board within five school days of the decision. The Appellate Board will generally be comprised of the Vice President of Academic Affairs. Such appeals shall be in writing and shall be delivered to the Vice President of Academic Affairs' office.
        a. To determine whether the original hearing was conducted fairly in light of the charges and evidence presented, and in conformity with prescribed procedures giving the complaining party a reasonable opportunity to prepare and present evidence that the Student Code was violated, and giving the accused student a reasonable opportunity to prepare and to present a rebuttal of those allegations.
        b. To determine whether the decision reached regarding the accused student was based on substantial evidence, that is, whether the facts in the case were sufficient to establish that a violation of the Student Code occurred.
        c. To determine whether the sanctions(s) imposed were appropriate for the violation of the Student Code that the student was found to have committed.
        d. To consider new evidence, sufficient to alter a decision or other relevant facts not brought out in the original hearing because such evidence and/or facts were not known to the person appealing at the time of the original hearing.
    2. When the accused appeals, a review by the Appellate Board may not result in more severe sanctions for the accused student. Instead, following the appeal, the Appellate Board may reduce, but not increase, the sanctions imposed by the Judicial Adviser.
    3. In cases involving appeals by persons other than the accused student(s), the Appellate Board may, upon review of the case, reduce or increase the sanctions imposed by the Judicial Adviser or remand the case to the judicial body.
    4. Written results of the appeal will be sent out to the appropriate parties within five business days of being submitted.
    5. The Appellate Board decision may be appealed to the President. A written appeal must be delivered to the President's office within five business days of the Vice President's decision. The person appealing will be notified in writing within five business days of the President's decision.

Credit Hour Definition

The Clarkson College definition for both online and on campus courses is as follows. This information complies with Federal Regulation 34 CFR 600.2.

Credit to contact hour conversions for theory courses: One credit hour equals 15 contact hours per semester. For example, GEN 105 Medical Terminology = 1 credit hour = 15 contact hours per semester or EN 101 English Comp I = 3 credit hours = 45 contact hours per semester.

Credit to contact hour conversions for courses with a lab component:

1. **General Education, Nursing, PTA program courses:** One credit hour from the total credit hours listed for the course sections are for lab time and equal 45 contact hours. For example, BI 211 Anatomy theory = 4 credit hours = 45 theory contact hours (3 credits) and 45 contact hours of lab (1 credit) per semester; or BI 211 Anatomy lab = 0 credit hours.
2. **Health Care Business, Radiologic Technology program courses:** One credit equals 15 contact hours per semester with the exception of RT Procedures labs in which 1 credit equals 30 contact hours per semester. For example, BI 222 Basic of Anatomy and Physiology lab = 1 credit hour = 15 hours of contact per semester; RT 120L Exposures I lab = 1 credit hour = 15 hours of contact per semester; or RT 110L Procedures I lab = 1 credit hour = 30 hours of contact per semester.

Credit to contact hour conversions for clinical/internship/externship rotations dependent on program:

1. **PTA program clinical courses**: One credit hour equals 40 clinical hours per week. For example, PTA 240 Clinical Practicum III = 5 credit hours = 200 clinical hours.
2. **Nursing program clinical courses:** One credit hour equals 3 clinical hours per week. For example, NS 126 Basic Nursing Skills Clinical = 2 credits = 90 clinical hours.
3. **Master of Science in Nursing program:** Per clinical course, students complete 11 clinical hours per week. For example, NS 832 Primary Care I = 3 credits = 160 clinical hours and 45 class contact hours.
4. **Health Care Business Professional Practice Experience (PPE) and internship courses**: One credit hour equals 45 clinical hours. For example, HM 367 Professional Practice = 3 credit hours = 135 clinical hours.
5. **Radiologic Technology program clinical courses:** One credit hour equals 73 clinical hours. For example, RT 265 Clinical Experience I = 4 credit hours = 280 clinical hours.
6. **Nurse Anesthesia:** One credit equals 50 clinical hours per week. For example, AN 951 Clinical Anesthesia Practicum I = 3 credits = 750 clinical hours.
7. **Medical Imaging:** One credit hour equals 60 clinical hours. For example, MI385 CT Externship = 3 credits = minimum of 180 contact hours.
8. **Health Care Services fieldwork:** 150–200 clock hours of work in an organization are required. The number of required hours is determined by the organization's needs.

Credit Hour Load & Overload

Credit Hour Load

While Clarkson College understands a student's need to complete coursework for the various degrees as quickly as possible, Clarkson College also understands that a student's future academic success can usually be predicted by recent past performance. For this reason, guidelines have been established to encourage academic success when students are considering semester hour.

To be considered a full-time undergraduate student at Clarkson College, the student must be enrolled in an equivalent of 12 semester credit hours of coursework per semester.

To be considered a full-time graduate student at Clarkson College, the student must be enrolled in an equivalent of six semester credit hours. The maximum number of hours for which a student can register in a single semester without approval is as follows:

	Fall and Spring	**Summer**
Undergraduate	18 semester hours	16 semester hours
Graduate Nursing	6 semester hours	6 semester hours
Graduate Business	12 semester hours	12 semester hours

Dean's List of Undergraduates

During each semester at Clarkson College, undergraduate students with notable academic scholastic achievements are given public recognition by the Dean's List. To be eligible for the Dean's List, the student must be enrolled in at least nine hours of coursework in the fall and spring semesters and have a Term Grade Point Average (TGPA) of 3.5 or higher. For the summer session, a student must be enrolled in at least six hours of coursework and have a TGPA of 3.5 or higher. Students receiving an incomplete ("I") grade in a Clarkson College course are not eligible for the Dean's List for that semester.

Degree Plan

Prior to registration, the Registrar's office will complete a degree plan for all new students. The degree plan will include conditional admitted status, the courses which Clarkson College will accept in transfer and the specific courses the student will be required to complete in order to meet graduation requirements. During the first semester of attendance, each student will be assigned and meet with a major academic advisor who will assist the student in completion of their degree plan course requirements. The purpose of the degree plan is:

- To ensure the student has a plan for meeting all Clarkson College requirements for graduation in a timely and effective way;
- To provide the student a basis for monitoring their own progress; and
- To provide the student assurance their program requirements are accurate.

The degree plan will be signed by a Registrar's office representative. The signed degree plan becomes the student's plan for graduation and may not be changed without formal written approval by the program director. The information on the degree plan will be informational and not contractual in nature.

Dismissals

College dismissal refers to permanent expulsion from the College, which does not carry the opportunity for readmission. Only by approval of the Vice President of Operations or Vice President of Academic Affairs may a student be dismissed from the College.

When a student is dismissed from the College, the appropriate dismissal and date of dismissal will be placed on the student's academic transcript.

Academic Dismissal

Students may be dismissed from the College or from an academic program because of poor academic performance. Academic dismissal from the College means that the individual is no longer permitted to be a student at Clarkson College and is not permitted to return to the College in the future.

Academic dismissal is a result of one of the following situations:

- A student who fails the same major, option or support course more than once will be academically dismissed.
- A student who fails a total of two major and/or support courses will be dismissed from the academic program.

- A student may Withdraw Fail (WF) from only two major, support or core courses during their program of study. Withdraw Fail (WF) from a third major or support course will result in dismissal from the academic program.
- A student who fails to be released from academic probation in the approved period of time will be dismissed from the academic program.
- Any student who is dismissed from the Radiologic Technology program and is dually enrolled in the Medical Imaging program will be dismissed from both academic programs.

Administrative Dismissal

Students may be dismissed because of action taken by the administration for such reasons as the student being a “no-show” in a course, attendance problems or other such reasons. It is a neutral action and should not be considered as a “negative” or “disciplinary” action.

Non-Academic Dismissal

A student may be dismissed from the College as a result of disciplinary action. This includes social behavior, academic dishonesty and violation of the Student Code of Conduct.

Drug & Alcohol Policy

Problems related to the use of alcoholic beverages and controlled substances lead to a loss of individual effectiveness and may interfere with the educational process. Clarkson College reaffirms its position of serious concern about and in opposition to the abuse of alcoholic beverages and use of controlled substances. Clarkson College complies with the Drug-Free School and Communities Act Amendments of 1989 through the publication of the Drug and Alcohol Policy and other written material distributed annually to students and employees.

Clarkson College encourages members of the College community to participate in drug and alcohol abuse education, prevention and treatment programs when appropriate. Clarkson College does not accept responsibility for the conduct of individuals while they are off campus and not participating in a College activity. The College realizes it cannot regulate the sale of alcoholic beverages to members of the Clarkson College community by off-campus businesses.

Drug and alcohol offenses may result in academic and/or non-academic sanctions. Academic sanctions are directly related to the student’s progression or termination within their program of study and occur when the student violates the drug and alcohol policy within class/clinical/practicum settings. Non-academic sanctions are actions taken at any time when the student violates the Drug and Alcohol Policy.

Within the Clarkson College community, the following regulations dealing with drug and alcohol apply.

1. Possession and use of drugs and alcohol on campus property is considered an infraction of Clarkson College policy. Clarkson College will cooperate fully with state and federal law officials in the enforcement of all state and federal laws pertaining to the use, sale and distribution of drugs or alcohol.
2. Possession by minors is an infraction of Neb. Re. Statute 53-180.02 and is punishable by three months imprisonment, $500.00 fine, or both. All offenses regarding possession of drugs and alcohol will also be subject to the disciplinary procedures set forth by Clarkson College.
3. No alcohol shall be served at any event sponsored by Clarkson College or a recognized Clarkson College organization, unless prior permission from Clarkson College administration has been obtained and the alcohol is sold off campus by a licensed, independent vendor via a “cash bar” and only to persons of legal age.

4. Possession, use, and sale of drugs or drug related paraphernalia on campus property or at College sanctioned events is considered an infraction of Clarkson College policy. Clarkson College will cooperate fully with state and federal law officials in the enforcement of all state and federal laws pertaining to the possession, use, sale and distribution of illicit substances.
5. Neither the College nor any group, which owes its existence to Clarkson College, whether officially or unofficially, formally or informally, will be permitted to use any organizational funds held by the institution for the purchase of any kind of alcoholic beverage.
6. Guests are bound by the same rules regarding alcohol and drugs as the students. Members of the College community and their guests will be held responsible for their behavior and any destruction that occurs while under the influence of alcohol and/or other drugs. Violators will be asked to leave campus and/or be referred to local authorities.
7. Students who are suspected of intoxication from either drugs or alcohol during a theory class, laboratory course or clinical rotation are in violation of the drug and alcohol policy and will be subject to the procedures outlined in the section titled student violation categories.
8. Any student on campus, including the Residence Hall and campus activities, whether of legal age or underage and suspected of intoxication is in violation of the Clarkson College drug and alcohol policy and will be subject to procedures outlined in the section titled student violation categories.
9. The procurement of alcoholic beverages for minors is a violation of Clarkson College policy. The procurement of alcohol for minors Neb. Rev. Statute 53-180 is punishable by a maximum of one year imprisonment, $1,000.00 fine, or both. All offenses regarding procurement of alcohol for minors will also be subject to the disciplinary procedures set forth by Clarkson College.
10. Containers that originally contained alcoholic beverages will not be allowed in the residence halls for any purpose. Said containers will be promptly removed and disposed of.
11. There will be absolutely no posted advertisement for alcoholic beverages in any College publication, private or public area.
12. The Vice President of Operations, the Residence Hall Director or any Student Services counselor may notify parents of violations. Notification may occur if it is believed that the student is potentially a danger to themselves or to others, or is in danger of jeopardizing their academic career.
13. Clarkson College may take appropriate measures in emergency situations such as contacting parents or law enforcement in order to ensure the health and safety of the student.
14. Drug testing on minors may need parental or guardian consent. If consent is not obtained, so that drug testing cannot be completed, the minor student will be treated as though they were tested and the results were positive.
15. A positive test result will include the following: 1) positive drug test indicating the presence of drugs in the specimen, 2) failure to submit to a drug test within the requested time frame, and/or 3) the finding of two consecutive “dilute” specimens.

The consequences of violating the Student Welfare Drug & Alcohol Policy vary according to the circumstances surrounding the violation. Thus, each of the following categories of student violations is separated out below.

1. New Admissions

New students, after being admitted to the College, may be required to submit to a drug/alcohol test if clinical courses are part of the student’s first semester classes. This test may be a required prerequisite for entry into the first semester’s courses if clinical courses are part of the scheduled first semester.

Procedure: Students requiring drug/alcohol testing after admission and prior to the first semester’s courses will be given instructions on how to complete this testing. If the results are negative, the student will proceed into the first semester’s courses. If the results are positive, the student can only continue academically at the College if they meet the following requirements.

1. Must meet with a college approved drug/alcohol rehabilitation counselor and successfully complete the prescribed treatment plan;

2. The student will initially only be allowed to enroll in theory (didactic only) courses (without co-requisite clinical courses) while completing drug/alcohol treatment. The student will be allowed to enroll in laboratory/clinical/practicum courses, if the student is complying with their treatment plan, and deemed as safe to return to clinical practice by a college approved drug/alcohol rehabilitation counselor;
3. The student will be subject to random interval or scheduled interval drug/alcohol testing for as long as they are an enrolled student at the College;
4. If the student does not comply with the treatment plan set forth by the drug/alcohol rehabilitation counselor, refuses subsequent drug and or alcohol testing, or has a second positive drug test, the student will be administratively withdrawn from the College.

2. Currently Enrolled Students

Any currently enrolled student may be required to complete a drug/alcohol test (either scheduled or random timing).

Students in a theory/didactic course: theory/classroom setting: The student may be required to undergo drug testing during a class setting. If the student tests positive for drugs/alcohol, the student:

a. Will be immediately administratively withdrawn from all laboratory/clinical/practicum courses, but may be allowed to remain in theory classes (without co-requisite clinical courses) while undergoing required drug/alcohol treatment according to program requirements.
b. Must meet with a college approved drug/alcohol rehabilitation counselor and successfully complete the prescribed treatment plan.
c. Will be allowed to enroll in laboratory/clinical/practicum courses, if the student is complying with their treatment plan, and deemed as safe to return to clinical practice by a college approved drug/alcohol rehabilitation counselor.
d. Will be subject to random interval or scheduled interval drug/alcohol testing for as long as they are an enrolled student at the College.
e. May be ineligible to continue in the program of study if clinical agency placement is not possible due to the student's positive drug testing history.
f. May be administratively withdrawn from the College if the student does not comply with the treatment plan set forth by the drug/alcohol rehabilitation counselor, refuses subsequent drug and or alcohol testing or has a second positive drug test.

Students in a clinical/practicum course: clinical/practicum setting: The student may be requested to undergo drug testing in the clinical setting. If the student tests positive for drugs/alcohol, the student:

a. Will be immediately administratively withdrawn from all laboratory and all clinical/practicum courses, but may be allowed to remain in theory classes (without co-requisite clinical courses) while undergoing required drug/alcohol treatment according to program requirements.
b. Must meet with a college approved drug/alcohol rehabilitation counselor and successfully complete the prescribed treatment plan.
c. May be allowed to subsequently enroll in laboratory/clinical/practicum courses if the student is complying with their treatment plan and deemed as safe to return to clinical practice by a college approved drug/alcohol rehabilitation counselor and if allowed by the specific clinical agency.
d. Will be subject to random interval or scheduled interval drug/alcohol testing for as long as they are an enrolled student at the College.
e. May be ineligible to continue in the program of study if clinical agency placement is not possible due to the student's positive drug testing history.
f. May be administratively withdrawn from the College if the student does not comply with the treatment plan set forth by the drug/alcohol rehabilitation counselor, refuses subsequent drug and or alcohol testing or has a second positive drug test.

Students in College sponsored activities whether on College campus property or in College housing:

Within the disciplinary system for non-academic violations, the following procedures are considered as a guide for policy violations and represent the minimum sanction possible for the violations of the Drug and Alcohol Policy. The College Judicial Committee or administration may levy further sanctions on an individual case basis depending on the severity of the offense. All requirements of a sanction must be completed prior to the start of the next academic semester. Students will be ineligible for further program progression and registration will not be allowed for the following semester, if the sanction requirements are not completed.

The disciplinary sanctions for drug and alcohol offenses which occur during college sponsored activities or in college housing include the following steps:

1. The first offense of the Drug and Alcohol Policy will result in the following (offenses for substances other than alcohol are considered an automatic second offense):
    - Required student completion of an alcohol use evaluation survey.
    - Completion of the Alcohol Skills Training Program (ASTP).
    - A fine of $25.
2. The second offense of the Drug and Alcohol Policy will result in the following:
    - Required student completion of an alcohol use evaluation survey.
    - Completion of Brief Alcohol Screening and Intervention for College Students (Basics) through four sessions with the Licensed Alcohol and Drug Addiction Counselor (LADAC), Provisional Licensed Alcohol and Drug Addiction Counselor (PLADAC) or Certified Master Addiction Counselor (CMAC).
    - A fine of $50.
3. The third offense of the Drug and Alcohol Policy will result in the following:
    - The student will undergo Formal Evaluation for Substance Abuse by a LADAC, PLADAC or CMAC with any and all fees to be incurred by the student. The counselor will provide documentation back to the College that the student is progressing with recommending treatment options.
    - If living in the College Residence Hall, the student will be placed on housing probation.
    - A fine of $75.
4. The fourth offense of the Drug and Alcohol Policy will result in the following:
    - Immediate eviction from the College Residence Hall and possible academic sanctions.
    - The student will undergo a second drug and alcohol evaluation by a LADAC, PLADAC or CMAC. The cost of evaluation and any further services will be incurred by the student.
    - The counselor will provide documentation back to the College of a monitoring plan if needed based on screening results.
    - If the counselor recommends a treatment plan, documentation of progression will be sent back to the College.

Dual Degree Options

Dual degree options at Clarkson College occur when a student is enrolled concurrently in two or more majors. The dual degree options available at Clarkson College include:

Health Information Technology/Health Care Services:

The Health Information Technology/Health Care Services dual degree option leads students to a Bachelor of Science degree in Health Care Services. Students may transfer 69 credit hours earned at the associate's degree level toward the 132 semester hours needed to complete a bachelor's degree.

Physical Therapist Assistant/Health Care Services:

The Physical Therapist Assistant/Health Care Services dual degree option leads students to a Bachelor of Science degree in Health Care Services. Students may transfer 74 credit hours earned at the associate's degree level toward the 129 semester hours needed to complete a bachelor's degree.

Radiologic Technology/Health Care Services:

The Radiologic Technology/Health Care Services dual degree option leads students to a Bachelor of Science degree in Health Care Services. Students may transfer 73 credit hours earned at the associate's degree level toward the 131 semester hours needed to complete a bachelor's degree.

Physical Therapist Assistant/Health Care Business with a major in Management:

The Physical Therapist Assistant/Health Care Business with a major in Management dual degree option leads students to a Bachelor of Science degree in Health Care Business with major in Management. Students may transfer 74 credit hours earned at the associate's degree level toward the 139 semester hours needed to complete a bachelor's degree.

Radiologic Technology/Medical Imaging:

The dual Radiologic Technology/Medical Imaging option leads students to a Bachelor of Science degree in Medical Imaging. Students may apply 73 credit hours earned at the associate's degree level toward the 125 semester hours needed to complete a bachelor's degree.

Email Policy

Clarkson College grants e-mail access to all authorized students as a privilege, not as a right. The rules below apply to using e-mail at Clarkson College. Concerns regarding the use of e-mail should be reported to the Director of Technology.

- Users will not use e-mail for the purpose of communicating actions that may terrify, intimidate, threaten, harass, annoy or offend another person.
- Users will not use email to send humorous items, chain letters and viruses to others in any form that would offend or annoy the intended recipient(s).
- Users will not try to access other user's e-mail accounts or other unauthorized areas of the College computer system.
- Users will not use e-mail to violate copyright laws and policies or any other illegal activity as established by federal, state and local laws.
- These actions constitute grounds for cancellation of access to Clarkson College e-mail privileges and may result in disciplinary and/or legal action.

Enrollment Status

A full-time undergraduate student at Clarkson College must be enrolled in an equivalent of 12 credit hours or more of coursework per semester.

A full-time graduate student at Clarkson College, the student must be enrolled an equivalent of six credit hours or more per semester.

Family Education Rights & Privacy Act (FERPA)

The Family Education Right and Privacy Act is a federal privacy law that gives students certain protections with regard to their education records such as grades, transcripts, disciplinary records, contact and family information and class schedules. To protect the student's privacy and the law generally requires schools to ask for a written consent before disclosing personally identifiable information to individuals other than the student. Currently enrolled students may withhold disclosure of any directory information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notification must be submitted to the Registrar's office.

Clarkson College hereby designates the following categories of student information as public or "directory information." Such information may be disclosed by the institution for any purpose, at its discretion.

Category I: Name, photograph, current and permanent address, marital status, telephone number, dates of attendance, classification and current class schedule.

Category II: Previous institution(s) attended, major field of study, awards, honors (includes Dean's List) and degree(s) conferred (including dates).

Category III: Past and present participation in officially recognized activities, physical factors and date and place of birth.

Clarkson College assumes that failure on the part of any student to specifically request the withholding of categories of "directory information" indicates individual approval for disclosure.

Clarkson College complies with federal regulations in accordance with the Family Education Rights to Privacy Act (FERPA) and the Federal Trade Commission (FTC) rule under the Gramm-Leach-Bliley (GLB) Act to safeguard all student records, including personal financial information.

Forms Submission

Advisors will help students concerning their academic program, but students are responsible for making and carrying out their own decisions. Completion and submission of all forms to the appropriate office to implement actions taken by students (for example, withdrawal from a course) are the responsibility of the student and cannot be delegated to faculty or staff.

Grade Change

A permanently recorded grade may only be changed in cases of calculation error or other recording error by the faculty person who assigned it or, in case of a change in personnel, by the program director. A permanently recorded grade may only be changed by a faculty member and/or program director within one semester following the completion of the course. A student request for review of a course grade must be initiated within one semester following the completion of the course and submitted with a Petition for Reconsideration form.

Grade Reports

Final grade reports will be available to students and advisors within one week following the end of a semester. Mid-term grade reports will be available to students one week following mid-term week.

Grading System

In courses graded with a letter, Clarkson College faculty may assign grades from the following possible letter grades: A+, A, A-, B+, B, B-, C+, C, C-, D, F, P (Pass), NP (No Pass), W (Withdrawal), WP (Withdrawal Pass) or WF (Withdrawal Fail). Each letter grade for courses completed at Clarkson College carries Quality Grade Points, used for calculating a student's Cumulative Grade Point Average (CGPA), according to the following schedule:A

A+	= 4.00 quality grade points	D	= 1.00 quality grade points
A	= 4.00 quality grade points	F	= 0.00 quality grade points
A-	= 3.67 quality grade points	W	= 0.00 quality grade points
B+	= 3.33 quality grade points	WP	= 0.00 quality grade points
B	= 3.00 quality grade points	WF	= 0.00 quality grade points
B-	= 2.67 quality grade points	P	= 0.00 quality grade points
C+	= 2.33 quality grade points	NP	= 0.00 quality grade points
C	= 2.00 quality grade points	I	= 0.00 quality grade points
C-	= 1.67 quality grade points	IP	= 0.00 quality grade points

A grade of "D," "F" or "NP" in undergraduate major or support courses is considered failing. A grade of "C," "D," "F" or "NP" in graduate coursework is considered failing.

Grade Point Average

The Grade Point Average (GPA) system is used to determine the student's academic progress toward graduation. A student's Cumulative Grade Point Average (CGPA) is based upon cumulative course grades completed at Clarkson College. The CGPA can be calculated by dividing the total number of semester credit hours attempted into the number of Total Quality Grade Points Earned (see "Letter Grades and Quality Grade Points" in this section of the catalog). The CGPA is not affected by "P," "NP," "AU," "CR," "I," "NC," "W," "WP" or "WF."

P	= Pass	NC	= No Credit
NP	= No pass	W	= Withdrawal
AU	= Audit	WP	= Withdrawal Pass
CR	= Credit	WF	= Withdrawal Fail
I	= Incomplete	GPA	= Total quality grade points earned divided by total semester hours attempted
IP	= In Progress		

All courses taken at Clarkson College within the same division (undergraduate or graduate) will be included in the Cumulative Grade Point Average (CGPA).

An undergraduate student must maintain a 2.0 CGPA for successful completion of the program of study. Major, support and core courses within the major must be repeated if coursework is not successfully completed. A student who has failed to maintain a 2.0 CGPA in any given semester will be placed on academic probation.

Graduate students must maintain a 3.0 CGPA for successful completion of the program of study. A grade of "C," "D," "F" or "NP" indicates failure of that course, and the course **must be repeated**. A student who fails to maintain a 3.0 CGPA in any given semester will be placed on academic probation.

An undergraduate student may remove a "D" or "F" grade and a graduate student may remove a "C," "D" or "F" grade from the CGPA by repeating the course. Both courses will permanently remain on the academic record/transcript, but only the higher grade (or most recent for duplicate grades) will be used in calculating the CGPA.

A student may remove a grade from the CGPA by repeating the course. Both courses will permanently remain on the academic record/transcript, but only the higher grade (or most recent for duplicate grades) will be used in calculating the CGPA.

Gradutate Degrees & Certificates

Clarkson College is approved to offer these graduate academic programs by The Higher Learning Commission, North Central Association of Colleges and Schools:

Doctoral Degrees with options in:

Health Care Education and Leadership (EdD)
Nursing Practice (DNP)

Post Master's Certificates in Nursing:

Adult–Gerontology Primary Care Nurse Practitioner
Family Nurse Practitioner
Nursing Education
Nursing Health Care Administration

Master of Science in Nursing (MSN) with options in:

Adult–Gerontology Primary Care Nurse Practitioner
Family Nurse Practitioner
Nursing Education
Nursing Health Care Administration
Nurse Anesthesia
RN-MSN

Master of Health Care Administration

Post-Master's Certificate in Health Care Administration

Admission to these graduate programs is governed by requirements that may be found in this catalog under Admissions.

Graduation Academic Honors for Undergraduates

Academic honors are conferred on candidates who, upon undergraduate graduation, distinguish themselves by maintaining a high cumulative grade point average. To qualify for academic honors, students must have

completed the minimum required residency hours at Clarkson College. Transfer courses do not apply toward the Cumulative Grade Point Average (CGPA). Academic honor recipients receive an honor cord to wear at the graduation ceremony. Honors are designated as:

Summa Cum Laude	= 3.85 and above	Cum Laude	= 3.65 through 3.74
Magna Cum Laude	= 3.75 through 3.84	With Distinction	= 3.50 through 3.64

Graduation Requirements & Procedures

Students must fulfill all of the requirements shown below for graduation to be eligible for the awarding of a degree. Students expecting to complete degree requirements must file for graduation by the published deadline (one semester prior to graduation). The specific dates for filing for graduation are listed in the schedule of classes. Filing for graduation will automatically initiate a graduation audit by the Registrar's office. Three obligations must be met for graduation:

1. Candidacy for graduation has been approved.
2. All academic requirements have been met.
3. Financial obligations have been met.

The Registrar's office will neither send information to nor correspond with any licensing agency, certification program or credentialing center regarding program completion until all of the above obligations have been met.

Students who do not qualify for graduation by Monday of the week of graduation (five days prior to commencement) may not be eligible to participate in the graduation ceremony, and cap and gown fees will be non-refundable. Students will be notified by their program director.

A signed diploma will be issued upon verification of successful completion of all coursework.

Grievance Process/Policy

A grievance is a complaint that a specific decision or action that affects the student's academic record or status has violated published policies and procedures, or has been applied to the grievant in a manner different from that used for other students. The grievance process is not designed to resolve disputes between an individual and an institution that might occur over such issues as grades, academic integrity, billing, financial aid, terms of employment or other similar disputes nor to review events or circumstances that have occurred in an individual's particular relationship with an institution. This policy does not limit the College's right to change rules, policies or practices.

Clarkson College complies with all applicable federal, state, and local laws relating to discrimination based on race, color, religion, ancestry, sexual orientation, physical or mental disability, national origin, ethnicity, sex, age, veteran's status, or marital status.

Student Grievance Process

Step 1: The student must complete a Grievance Form obtained from the Student Services office or the Clarkson College website. The studentmust provide strong, documented evidence and submit the completed Grievance Form to the Registrar's Office. The student must submit the Grievance Form no later than 14 days from the time of incident.

Step 2: The Registrar's Office will forward the Grievance Form to the Vice President of Academic Affairs (VPAA) who will initiate and facilitate the college committee's response to the student's grievance. The VPAA will provide a written response of the outcome within 10 business days.

Step 3: The Vice President of Academic Affairs (VPAA) office will form and facilitate the Grievance Committee. Complainants may provide statements from witnesses as part of their information and evidence. Complaints of discrimination on the basis of sex may be filed with the U.S. Department of Education Office of Civil Rights, 8930 Ward Parkway, suite 2037, Kansas City, Missouri 64114-3302, and (816) 268-0050.

The Grievance Committee is the designated arbiter of disputes within the student community in cases, which do not involve a violation of the Student Code of Conduct as described in the student welfare policy and in the student handbook. All parties must agree to arbitration, and be bound by the decision with no right of appeal. All complaints will be promptly and thoroughly investigated and resolved.

The Grievance Committee shall be composed of an Academic Council member, one faculty member from the executive committee of Faculty Senate, one student government representative, VPAA, and one Director from Student Services; totaling five members. Committee members must be deemed to not have any conflicts of interest with regards to any part of the dispute. The VPAA will chair called meetings and gather all pertinent information. The VPAA will vote only in the case of a tie.

a. Members will be appointed by the VPAA on a case-by-case basis.
b. The VPAA shall develop policies for the administration of the academic grievance process and procedural rules for the conduct of hearings.
c. The VPAA will communicate the results to the grievant.
d. Decisions made by the Grievance Committee and/or VPAA shall be final.

Health & Safety Requirements

All Clarkson College students, at their own expense (non-refundable), may be required to complete certain health and safety requirements according to individual program needs. Students will not be allowed to attend classes and/or clinical when out of health and safety compliance. Students will be provided specific instructions for their academic program health and safety requirements.

Students enrolled in academic programs at Clarkson College are required to follow health and safety requirements specific to their academic program.

Health and safety requirements are subject to immediate change in order to maintain compliance with state and federal requirements, Center for Disease Control requirements and standards of practice.

Incomplete Grades

A grade of incomplete ("I") is a temporary grade but must be maintained on the academic record (transcript) until a grade is assigned. A grade of "IP" or "in progress" applies only to the dissertation course in the doctoral programs.

A student who is passing in a course may be assigned a grade of incomplete ("I") if some portion of the coursework remains unfinished at the end of the semester. Assignment of an "I" is at the discretion of the course instructor and director.

Students who have an incomplete grade for one level of major coursework will not be permitted to progress to the next level of major coursework until the incomplete grade(s) in the lower level have been changed to a passing grade.

An Incomplete Grade form must be completed and signed by the instructor, identifying the reason for requesting an incomplete, the specific work that the student must complete to receive a final grade and the date by which the work must be completed. An incomplete grade must be removed within the time designated by faculty or the “I” will automatically convert to an “F” grade.

Independent Study

Independent study refers to courses concerning special topics arranged under the supervision of Clarkson College faculty. Students may pursue independent study if a faculty member is available to supervise the experience. The project or study to be pursued by the student must be approved by the program director. No more than six semester credit hours of undergraduate coursework may be pursued as independent study. Coursework in the doctoral programs will not be eligible for independent study.

Leave of Absence

A leave of absence is “time certain” student withdrawal from Clarkson College. Leaves are granted for a minimum of one semester and a maximum of three consecutive semesters. Any student on a Leave of Absence (LOA) who does not register in any classes after three consecutive semesters will be automatically withdrawn from the College.

A Leave of Absence form is required prior to any semester in which a student will not be enrolled. If a student withdraws from all the courses for which he/she has enrolled after the first day of a semester, the student must complete a Change of Registration/Leave of Absence form.

Readmission to the College may be possible through the application process. Students who withdraw from the College and want to reapply will be subject to the provisions of the catalog at the time of readmission.

When a student’s leave of absence exceeds 60 days or six months with an approved medical leave of absence, the student’s last date of attendance will be maintained for financial aid purposes by the Student Financial Services office.

An educational leave of absence will be granted to any active duty service member who is called to perform military duty that would interfere with the member’s ability to complete the current term of instruction. Educational leaves of absence will be granted for the periods of active duty. Educational leaves of absence are not granted for voluntary active duty or training when the member could schedule the training to avoid a conflict with school instruction. The educational status the member attained prior to being ordered to military duty will be restored upon his or her release of duty without loss of status, academic credits previously earned, scholarships or grants awarded by the College. The educational leave cannot exceed five years.

Petition for Reconsideration

Clarkson College Complies with all applicable federal, state and local laws relating to discrimination which pertain to its students and prospective students. This includes such laws as Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1972 and The Americans With Disabilities Act.

A student may file a petition for reconsideration requesting an exception to a decision or policy because of extenuating circumstances or because of alleged discriminatory or retaliatory conduct through the student grievance process. The petition for reconsideration policy is designed to resolve disputes between an individual and an institution that might occur over such issues as grades (except grades related to academic

integrity issues), billing, financial aid, terms of employment, course transfer, degree requirements, other similar disputes, or to review events or circumstances that have occurred in an individual's particular relationship with an institution.

Procedure

1. All Petitions for Reconsideration forms must be submitted to the Registrar's Office within one term following the incident in order to facilitate tracking.
2. The Registrar's Office will schedule a meeting with the individual(s) petitioned within five (5) business days of receipt of the Petition for Reconsideration Form.
3. The decision regarding the petition for reconsideration will be made at that meeting.
4. The individual petitioned will notify, in writing, the petitioner of the decision and the Registrar will send notification to all involved parties within five (5) business days.

If after receiving the results the petitioner still believes the decision is inequitable, a new petition for reconsideration may be filed to the next level of authority (within five business days). The above procedure will be used at the next level of authority. If the student is not satisfied with the decision of the Petition for Reconsideration at that level, the student may then contact the appropriate Vice President within five (5) business days of the Petition for Reconsideration decision. The appropriate Vice President will respond within 10 business days. Decisions made by the Vice President shall be final.

The College prohibits retaliation against a Complainant or other person(s) who participate(s) in Grievance proceedings or Petitions for Reconsideration.

Complaints of discrimination on the basis of sex may be filed with the U.S. Department of Education. Office of Civil Rights, 8930 Ward Parkway, Suite 2037, Kansas City, MO 64114-3302, (816) 268-0550.

Petitioning for a Course Offering

Students may petition the Vice President through the appropriate dean/program director to offer courses not listed on the course schedule. If a sufficient number of students agree to enroll in the course and appropriate faculty, space and resources are available, the course will be added to the schedule. Students are encouraged to petition as early as possible in order for the College to consider the request.

A Petition for Reconsideration form should be completed and forwarded to the appropriate dean/program director to initiate a course offering.

Program Completion

Undergraduate and master’s degree students must complete their program of study at Clarkson College within seven (7) years. This includes time spent on leave of absence. Students who do not complete within seven (7) years must reapply for admission.

Doctoral degree students must complete their program of study at Clarkson College within five (5) years. This includes time spent on leave of absence.

Progression

Students will not be permitted to progress to a higher level of coursework in the major area of study until successfully completing the prerequisite courses. Any exceptions to this rule must have the approval of the

academic program director. Students who enroll in courses without successfully completing the prerequisites course(s) will be administratively withdrawn without prior notice.

An undergraduate student must maintain a 2.0 Cumulative Grade Point Average (CGPA) for successful completion of the program of study. A grade of “D,” “F” or “NP” in undergraduates major, support or core courses is considered failing. Courses in the major and support courses to the major must be repeated if coursework is not successfully completed. A student who fails to maintain a 2.0 CPGA in any given semester will be placed on academic probation.

Graduate students must maintain a 3.0 CGPA for successful completion of the program of study. A grade of “C,” “D,” “F” or “NP” in the major indicates failure of that course, and the course must be repeated. A student who fails to maintain a 3.0 CGPA in any given semester will be placed on academic probation.

Any undergraduate student may remove a “D” or “F” grade and graduate student may remove a “C,” “D” or “F” grade from the CGPA by repeating the course. Both courses will permanently remain on the academic record/transcript, but only the higher grade (or most recent for duplicate grades) will be used in calculating the CGPA.

Diploma/Undergraduate Certificate Programs and Associate of Science Degree Programs with exception of Health Information Technology

Students enrolled in Diploma, Certificate and Associate of Science degree programs must maintain a grade of “C-” or higher in each major, support and core courses. The academic program director in consultation with faculty and administration will determine which of the following actions will occur when a student receives a “D,” “F,” “NP,” “W,” “WP” or “WF” grade in a major, support or core courses:

1. Dismissal from the program with the option to reapply the following year. Students would be expected to meet current admission requirements. There would be no guarantee of re-admission.
2. Repeat the course the next semester it’s offered at the discretion of the program director. Additional conditions may be required of the student.

Any student returning to a program must meet with the program director and may be required to complete an assessment and/or test. A fee may be charged for the assessment and testing process. Any student who fails to pass an assessment may be required to repeat major coursework previously taken.

A student who receives a non-passing grade in a major, support or core course after being re-admitted or re-enrolled will be academically dismissed from the program.

Any student who is dismissed from the Radiologic Technology program and is dually enrolled in the Medical Imaging program will be dismissed from both academic programs.

Associate of Science in Health Information Technology Degree Program

Students enrolled in Associate of Science in the Health Information Technology degree program must maintain a grade of “C-” or higher in each major, support or core course(s). One of the following actions will occur when a student receives a “D,” “F,” or “NP” grade in a major, support or core course(s):

Failed courses in the major, support or core courses must be repeated to achieve a passing grade (“W,” “WP” or “WF” grades are not considered a passing grade). A major, support or core course may not be repeated more than one time. A student who fails a major, support or core course more than once will be dismissed from the program. Students who receive a "D" or "F" in a total of two courses in the major or support courses will be dismissed from the program.

A student may Withdraw Fail (WF) from any major or support course. After receiving a Withdraw Fail (WF) in a major, support or core course, the student must repeat the course for a grade.

A student may Withdraw Fail (WF) from only two major, support or core courses during his/her current program of study. A Withdraw Fail (WF) from a third major, support or core course will result in dismissal from the program.

Bachelor of Science and Post-Baccalaureate Degree Programs

Failed courses in the major, support or core courses must be repeated to achieve a passing grade("W," "WP" or "WF" grades are not considered a passing grade). A major, support or core course may not be repeated more than one time. A student who fails a major, support or core course more than once will be dismissed from the program. Students who receive a "D" or "F" in a total of two courses in the major, support or core courses will be dismissed from the program.

Any student who is dismissed from the Radiologic Technology program and is dually enrolled in the Medical Imaging program will be dismissed from both academic programs.

A Medical Imaging elective course can only be repeated once. A student who fails the same Medical Imaging elective course twice will be dismissed from the program.

A student may Withdraw Fail (WF) from any major or support course. After receiving a Withdraw Fail (WF) in a major or support course, the student must repeat the course for a grade.

A student may Withdraw Fail (WF) from only two major or support courses during his/her current program of study. A Withdraw Fail (WF) from a third major or support course will result in dismissal from the undergraduate program.

Graduate Degree Programs

Graduate students, with the exception of Nurse Anesthesia students, must repeat any course they fail (grade below B-), but they are <u>not</u> allowed to repeat a course more than one time. Graduate students who receive a grade of "C," "D," "F" or "NP" in a total of two courses will be dismissed from the program.

A student may Withdraw Fail (WF) from any major course. After receiving a Withdraw Fail (WF) in a major, the student must repeat the course for a grade.

A student may Withdraw Fail (WF) from only two major or support courses during his/her current program of study. A Withdraw Fail (WF) from a third major course will result in dismissal from the graduate program.

Registration/Add a Course

Class space is allocated using the time of registration as priority. Students are encouraged to register at their designated time to ensure enrollment in a course.

Clarkson College reserves the right to administratively withdraw a student from a course, without prior notice, if prerequisites have not been met or if the student has not paid the necessary tuition or fees. Registration for clinical courses will be on a first-come basis. Students seeking a degree from Clarkson College will receive priority over non-degree and certificate students.

All students must be registered by the end of the business day on Friday prior to the start of the semester. A student may add course(s) to their current schedule through the first five days of instruction in a semester or prior to the second class meeting in a short term. This also applies to transferring from one section of a course

to another section. After the designated time, the approvals of the instructor and program director of the course are required.

A late registration fee is assessed when a student enrolls for coursework after the designated registration period published in the Clarkson College schedule of classes.

A course may be dropped and a refund granted if it is accomplished according to the tuition refund schedule. It is the student's responsibility to initiate this change in the Registrar's office. Clarkson College will not be responsible for completed forms that which are given to faculty or staff for submission. ***Note: Only*** *Student Financial Services may authorize reimbursement of fees or tuition. Deans, directors, faculty or staff are* ***not*** *authorized to approve reimbursement.*

For more information on registering for classes, see the Registrar section on the website.

Residency Requirement

- **Certificate or Diploma:** At least 20 semester credit hours must be completed at Clarkson College for a certificate or diploma.
- **Associate's Degree:** At least 40 semester hours must be completed at Clarkson College for an associate's degree.
- **Bachelor's Degree:** At least 27 semester hours must be completed at Clarkson College for a bachelor's degree.
- **Master's Degree:** All but nine hours must be completed at Clarkson College for a master's degree.
- **Post-Master's Certificate in Nursing:** All credit hours of coursework must be completed at Clarkson College.
- **Doctoral Degree:** All but six credit hours must be completed at Clarkson College for doctoral degrees.

Retention of Student Records

Clarkson College retains the official academic record (transcript) of enrollment and credit earned in College credit programs in perpetuity. Student Financial Aid records are retained for four years. All other student records documents are destroyed five years after the student's last enrollment at the College.

Students who believe there is an inaccuracy in their official academic record (transcript) must notify the Registrar's office immediately. After a student's records are destroyed, the official academic transcript cannot be changed. The transcript is the final, accurate record of academic accomplishment.

Service Requirements

Service reflects a holistic view that focuses on how individuals provide high quality, ethical and compassionate service in the field of health care and the community at large. Students will become familiar with service agencies, connect learning with practice and engage in civic service activities to live and demonstrate the Clarkson College Values of Learning, Caring, Commitment, Integrity and Excellence.

All students are required to complete designated service courses as a component of their program of study.

Required Designated Service Courses

- Diploma programs: One core course and one program-designated service course

- Associate's and Bachelor's degree programs (excludes RN to MSN program): Core I and one program-designated service course
- Graduate/RN to MSN programs: Two program-designated service courses
- Certificate and Post Master's Certificate programs may include service requirements based on courses within the curriculum.

Successful completion of service experience is required to pass the designated service courses.

Core and Designated Service Courses

The following courses have been selected as designated service courses.

HC 104	Core I: Effective Interactions in the World of Health Care
HCS 320	Patient Advocacy and Health Literacy
HM 367	Professional Practice Experience
HM 496	Internship
BU 496	Internship
BU 498	Long-Term Care Administration Practicum
NUR 160	Practical Nurse Caring with Adults IV
NS 450	Professional Nursing Care – Public Health
NS 476	Population Health IV
NS 478	Advanced Population Health
NS 481	Population Health for the RN to BSN/MSN
PTA 212	Professional Issues Seminar
RT 105	Patient Care
MI 411	Cross-Sectional Anatomy II
MB 808	Health Care Leadership
MB 810	Human Resources and Organizational Behavior
NS 802	Health Care Delivery Systems/Managed Care
NS 808	Nursing Law & Ethics
NS 822	Curriculum Development for the Nurse Educator
NS 834	Advanced Nutrition
AN 859	Professional Aspects of Nurse Anesthesia
AN 911	Clinical Correlation Conference Seminar I
DNP/EDD 915	Outcomes of Health Care in a Global Society
DNP/EDD 946	Health Economics, Finance and Entrepreneurship

Successful completion of service experiences is required to pass designated service courses.

State Authorization

Clarkson College is currently authorized to offer online education in the following states: Alaska, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Maine, Michigan, Mississippi, Missouri, Montana, New Hampshire, New Jersey, North Dakota, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont and Wyoming. In addition, Clarkson College is able to offer limited online programs in Delaware, Kentucky, Maryland, Massachusetts, Minnesota, Nevada, New Hampshire, New York, North Carolina, Ohio, Tennessee and Washington. If you reside in a state offering limited online programs and wish to apply, please contact us at 800.647.5500 prior to completing the application process.

While the College has aimed to offer online education in various other states throughout the nation, specific state requirements have made it cost-prohibitive or unreasonable at this time. We are optimistic about expanding our reach in the future, as state authorization is a fluid situation that is subject to change.

Student Classifications & Status

Clarkson College uses certain terms to describe a student's classification or status. It is important for students to know these classifications so they may be aware of associated policies that may affect their continued attendance at Clarkson College. The following classifications are used at Clarkson College:

Student Classification:

Degree/Certificate Seeking Student For College Credit: A student who chooses to seek a degree, diploma and/or certificate at Clarkson College. Students must be accepted for admission to a specific academic program.
Non-Degree Seeking Student for College Credit: A student seeking personal or professional development with no intention of earning a degree at Clarkson College or who has not been admitted to a specific academic program is not eligible for financial aid.
International F1 On Campus Student: A student in the United States on a temporary F-1 visa attending Clarkson College on campus.
International Online Student: A student in the U.S. or outside the U.S. enrolled for online courses at Clarkson College
Visiting Student: A student who currently attending another college or university, and not seeking a degree at Clarkson College. Students are not eligible for financial aid.

Programs:
Undergraduate Student: A student enrolled in credit courses leading to a certificate, diploma, associate's or bachelor's degree.
Graduate Student: A student who is enrolled in courses leading to a master's or doctoral degree.

Curriculums/Majors:
Associate of Science No Major: Any student who is taking coursework at Clarkson College with intentions to enroll in an Associate of Science degree program at Clarkson College. Students may be eligible for financial aid.
Diploma No Major: Any student who is taking coursework at Clarkson College with intentions to enroll in a diploma program. Students may be eligible for financial aid
Bachelor of Science No Major: Any student who is taking coursework at Clarkson College with intentions to enroll in a Bachelor of Science degree program at Clarkson College. Students may be eligible for financial aid.

Master No Major: Any student who is taking coursework at Clarkson College with intentions to enroll in a Master's degree program at Clarkson College. Students may be eligible for financial aid.

Student Status:

Academic Probation: A student who has not maintained the required Cumulative Grade Point Average.
Academic Dismissal: A student who has been removed from the academic program for academic reasons.
Active Student: A student who has matriculated and is eligible for enrollment. The student may not be enrolled for the current term.
Currently Enrolled: A student who is enrolled for the current term.
Conditionally Admitted: A student who has been accepted to Clarkson College but does not meet all of the College admission requirements. Procedure: The Academic Review Committee will review conditionally admitted students at the end of their first semester to determine if they may continue as a fully admitted student.
Full-Time Student: An undergraduate student is full-time if enrolled in at least 12 credit hours per fall, spring or summer term.
Graduate Student: A graduate student is full time if enrolled in at least nine graduate credit hours per fall, spring or summer term.
Part-Time Student: An undergraduate student is part-time if enrolled in less than 12 credit hours per fall or spring or summer terms. A graduate student is part-time if enrolled in less than nine graduate credit hours per fall, spring or summer terms.

Transcripts

Official Clarkson College transcripts will be issued only upon written request by the student. Clarkson College will not be responsible for loss of transcripts due to an insufficient or incorrect address. To request a transcript, contact the Registrar's office. Clarkson College does not issue or send transcripts from other colleges and universities. Official transcripts are not issued for students who have a hold on their records or whose accounts with the College are delinquent.

Transfer Credit

Credit earned at other regionally accredited institutions may be transferred as acceptable credit at Clarkson College according to the following guidelines:

1. There is evidence of satisfactory completion of at least a "C minus" in academic courses for undergraduate courses and a "B minus" in graduate programs or "C minus" in undergraduate programs will be accepted as transfer credit. **A maximum of nine (9) graduate credits may be transferred.** No transfer credit is available for the Family Nurse Practitioner and/or Adult–Gerontology Primary Care Nurse Practitioner Post-Master's Certificate. All hours within these certificate options must be completed through Clarkson College. Clarkson College does not accept transfer credit for courses taken elsewhere **after** enrollment at Clarkson College. All remaining coursework and core courses must be completed at Clarkson College.
2. Students are expected to complete their program and elective courses at Clarkson College after initial enrollment to the College. Exceptions to this policy may be considered under extenuating circumstances. Financial reasons will not be considered extenuating. Students will not be awarded credit for a course taken off campus after his/her initial enrollment to Clarkson College without approval in advance. Students are advised to consult their academic advisor before initiating the petition process.
3. Courses and credits to be transferred are listed on an official transcript that is submitted directly from the institution(s) where the courses were taken. A final official transcript is required after completing all

courses to be transferred.

4. A Petition for Reconsideration must be completed to allow transfer of major courses and/or graduate courses. The course and/or credit must be similar to a Clarkson College course, and a syllabus and course description should accompany the Petition for Reconsideration. Official transcripts for each of these courses **must** be on file in the student's admission records for review **prior to** evaluation of the courses (Health Care Business may be excluded).
5. Courses have been completed within the following time limits:

- Undergraduate Major Courses = Five years
- RN to BSN, LPN to BSN, Medical Imaging = No limit
- Undergraduate Science Courses = Five years
- Undergraduate General Education Courses = No limit
- Graduate Major Courses = Five years

In determining transfer credits, the academic program director reserves the option of requiring the student to take an assessment examination, and the student will be required to pay the testing fee.

Final approval for all transfer credit must be evaluated by the appropriate program director and Registrar or Assistant to Registrar.

The Bachelor of Science degree in Medical Imaging grants advanced placement status to American Registry of Radiologic Technologists (ARRT) registered Radiologic Technologists.

Undergraduate Degrees, Certificates, & Minors

Clarkson College is approved to offer these undergraduate academic programs by The Higher Learning Commission, North Central Association of Colleges and Schools:

Diploma in Practical Nursing

Associate of Science in Health Information Technology

Associate of Science in Physical Therapist Assistant

Associate of Science in Radiologic Technology

Bachelor of Science in Health Care Business with majors in:

- Health Information Administration
- Management

Bachelor of Science in Health Care Services

Bachelor of Science in Medical Imaging

Bachelor of Science in Nursing with options in:

- BSN
- RN to BSN
- LPN to BSN

Health Care Business Minor

Gerontology Minor

Public Health Minor

Public Health Certificate

Long Term Care Administration Certificate

Health Information Management Certificate

Post-Baccalaureate Certificate in Health Information Administration

Veteran Services

Clarkson College is committed to assisting all students who are eligible to receive Veterans Administration education entitlements. Student Financial Service personnel are available to assist in the application process and other activity unique to Veterans Administration requirements. Inquiries concerning eligibility and pay should be made by the student directly to the Regional Veterans Administration office by calling 888.442.4551.

Withdrawal

From a Course

Students may withdraw from courses through the last day of the 14th week of a 15-week semester, the 11th week of a 12-week semester and the fifth week of a six-week course. Students may not withdraw from courses during the final exam period, under any circumstances.

A grade of "W" (Withdrawal) is recorded on the student's permanent record if a course is dropped after the term begins, according to the length of the course below:

Length of Course	
15-week course	Before the end of the 8th week of the course
12-week course	Before the end of the 7th week of the course
6-week course	Before the end of the 3rd week of the course

A grade of "WP" (Withdrawal Pass) or "WF" (Withdrawal Fail) is recorded on the student's permanent record if a course is dropped after the term begins, according to the length of the course below:

Length of Course	
15-week course	End of 14th week (9th—14th week) of the course
12-week course	End of 11th week (8th–11th week) of the course
6-week course	End of 5th week (4th–5th week) of the course

Please Note: *Courses may not be dropped during the final exam period.*

It is the student's responsibility to initiate the change using a Change of Registration form, complete and submit the form to the Registrar's office. Clarkson College will not be responsible for completed forms given to faculty or staff for submission.

From the College

Students in good standing who wish to discontinue enrollment at Clarkson College may do so by withdrawal. The student must see their advisor to initiate the process. Withdrawal means the student elects to leave the College for an indefinite period of time. Students who withdraw from the College and decide to return must re-apply for admission. They will be subject to the provisions of the catalog at the time of readmission. If the student is unable to complete the degree because of changes in the catalog, substitutions may be determined by the academic program/dean.

Administration, Faculty and Staff Directory

Clarkson College expects its full-time and part-time faculty members to be both excellent teachers and experts in their fields. Our instructors are national and local leaders within their professions and have diverse career backgrounds.

With our low student-to-faculty ratio, you are encouraged to develop personal ties with your professors. This is one of the greatest strengths of Clarkson College.

Providing you with enrichment and support, our administration, faculty and staff will encourage new ideas and concepts, a stepping-stone to success in college and health care.

View Employee Directory

Compliance & Complaints Statement

Clarkson College complies with all applicable federal, state, and local laws relating to discrimination based on race, color, religion, ancestry, sexual orientation, physical or mental disability, national origin, ethnicity, sex, age, veteran's status, or marital status. This includes, but is not limited to, such laws as Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act. This policy is applicable to complaints alleging discrimination on the basis of sex. The Vice President Academic Affairs and/or the Vice President of Operations is responsible for coordinating compliance with these laws for students. All complaints will be promptly and thoroughly investigated and resolved. Complaint processes can be found in two policies; Petition for Reconsideration and Grievance. The Vice President Academic Affairs and/or the Vice President of Operations will be responsible for conducting review of complaints for students. Complainants may provide statements from witnesses as part of their information and evidence. The College prohibits retaliation against a complainant or other person(s) who participates in grievance proceedings. A complete description of each formal grievance process is contained in the student handbook/planner, which is available online at ClarksonCollege.edu. *Last updated Nov. 26, 2008.*