RADIOLOGIC TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Curriculum Code #2045

Effective May 2019

Division of Health and Wellness Sciences (http://catalog.loraincccc.edu/academic-programs/allied-health-nursing-health-physical-education-recreation)

Students who graduate from the radiologic technology program at LCCC will be eligible to take a national registry examination administered by the ARRT. Graduates will have learned the skills necessary to be employed in a diagnostic radiology center. Graduates of this program are also prepared for continuing specialized education in other areas of diagnostic imaging. Lorain County Community College has articulation agreements with colleges and universities including programs offered by Lorain County Community College's University Partnership. American Heart Association Healthcare Provider certification is required upon entrance to the program.

First Year		
Fall Semester		**Hours**
ALHN 110	MEDICAL TERMINOLOGY [1]	3
ALHN 113	INTRODUCTION TO PATIENT CARE [1,2]	1
BIOG 121	ANATOMY AND PHYSIOLOGY I [1]	4
Select one of the following:		3
MTHM 158	QUANTITATIVE REASONING [1]	
MTHM 168	STATISTICS [1]	
RDTC 110	INTRODUCTION TO RADIOGRAPHY [1,3]	3
RDTC 114	RADIOGRAPHIC PROCEDURES I [1,3,4]	4
SDEV 101	COLLEGE 101 [5]	1
	Hours	19
Spring Semester		
BIOG 122	ANATOMY AND PHYSIOLOGY II [1,3]	4
RDTC 116	RADIOGRAPHIC PROCEDURES II [1,3,4]	4
RDTC 117	RADIOGRAPHIC PHYSICS AND EQUIPMENT [1,3]	3
RDTC 118	IMAGING TECHNIQUE [1,3]	4
	Hours	15
Summer Semester		
RDTC 119	ADVANCED PROCEDURES AND MODALITIES [1,3,4]	4
	Hours	4
Second Year		
Fall Semester		
BIOG 123	CROSS-SECTIONAL ANATOMY [1,3]	2
ENGL 161	COLLEGE COMPOSITION I	3
RDTC 211	IMAGE CRITIQUE [1,3]	2
RDTC 212	RADIOLOGIC PATHOLOGY [1,3]	2
RDTC 213	RADIOLOGIC IMAGING SCIENCE [1,3,4]	5
	Hours	14
Spring Semester		
ENGL 162	COLLEGE COMPOSITION II [3]	3
RDTC 234	TRENDS IN RADIOLOGY [1,3,4]	5
RDTC 236	RADIOBIOLOGY AND PROTECTION [1,3]	2
SOCY 151G	INTRODUCTION TO SOCIOLOGY	3
	Hours	13
	Total Hours	65

1. Indicates that a grade of C (2.00) or better must be earned in order to continue in the program sequence.
2. Students who have STNA status are not required to take ALHN 113.
3. Indicates that this course requires a prerequisite.
4. Indicates this course contains experiential learning.
5. A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 13 or more credit hours.

Program Contact(s):

Jeffrey Walmsley
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For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (https://www.loraincccc.edu/admissions-and-enrollment/advising-and-counseling).

More program information can be found on our website. (https://www.loraincccc.edu/health/radiology)

Admission Requirements for Radiologic Technology

1. Official high school or GED and college/program transcripts (if applicable) on file in the LCCC Records office.
2. Program application form on file.
3. Minimum GPA of 2.5 for all college-level coursework (includes transfer/transient courses).
4. 18 years of age on or before October 1 of their first year in the major coursework of the program.
5. High school algebra (LCCC placement assessment test), laboratory science (biology, chemistry or physics) or equivalent with a grade of C or better.
6. Attend program information session.

Please note: Selection for program entry is competitive and based on a combination of factors including grade point average, performance in selected math and science courses, interview, completion of program support courses and a writing sample. Only selected candidates (initially based on support coursework completed, GPA and Math and Science course performance) will be asked to interview and submit a writing sample.

Learn more about Allied Health program requirements (http://catalog.loraincccc.edu/academic-information/allied-health-nursing-admissions)

Program Learning Outcomes

Program Goals:

Goal 1: Students will be clinically competent.

- Outcome: Students will successfully perform diagnostic imaging procedures.
- Outcome: Students will apply radiation protection principals.

Goal 2: Students will communicate effectively with patients and clinical staff.

- Outcome: Students will demonstrate excellent written communication skills in the clinical setting.
- Outcome: Students will demonstrate excellent oral communication skills in the clinical setting.

Goal 3: Students will demonstrate critical thinking and problem solving skills.

- Outcome: Students will modify routines and procedures to accommodate patient or exam needs.
- Outcome: Students will identify resources and solutions when faced with problem situations.

Goal 4: Students will demonstrate professionalism.

- Outcome: Students will demonstrate professional behaviors in the clinical environment.
- Outcome: Students will follow the ARRT Code of Ethics and make ethical decisions.

Program Effectiveness Measures

- Outcome: Graduates will pass the ARRT Exam
- Outcome: Employers will be satisfied with the quality of graduates
- Outcome: Students/graduates will be satisfied with program quality
- Outcome: Graduates will obtain jobs as radiologic technologists
- Outcome: Students who enter the program will complete the program