



Northern

Associate of Applied Science
RADIOLOGIC TECHNOLOGY

The Radiography program at Northern New Mexico College is a two year (22 month) program leading to an associate of applied science degree in Radiologic Technology. Students will prepare to meet the health care needs of the community by functioning as a radiologic technologist in hospitals, clinics, doctors' offices, and in similar health delivery agencies. Upon completion of the program, the student will be eligible to take the examination for National Registration. Passing the National Registry exam fulfills the New Mexico requirements for certification.

Students mix classroom time with time spent in the clinical setting working and training with technologists in the field. The didactic (classroom) phase will incorporate the formal education process along with laboratory experience giving the a student hands-on approach to leaning while applying the knowledge currently being learned to practical experience.

Formal application to and acceptance into the program is necessary before you may enroll in any RAD designated courses. Acceptance is granted for the fall semester of each year. Applications for the program may be obtained from the Radiography Department by calling 505-747-2220 or on the Radiography page at www.nnmc.edu.

Pre-requisites

Completion of the following required courses or equivalent with a minimum grade of C prior to starting the program. Pre-requisites may require placement testing or may have other pre-requisites required before taking courses.

	Completed	Planned Timeline (By Semester)
ENG 111 English Composition I (3) <i>Pre-requisite : ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
BIOL 237/L Human Anatomy & Physiology I (4) <i>Pre-requisite: CHEM 110/L</i>	_____	_____
BIOL 238/L Human Anatomy & Physiology II (4) <i>Pre-requisite: BIOL 237/L</i>	_____	_____
HSCI 125 Medical Terminology (2) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____

Must have MATH 102N, Basic Algebra, or higher placement testing.

Must have current CPR through the American Heart Association by the time clinicals begin (mid-term in Fall semester).

GENERAL EDUCATION REQUIREMENTS (20)

COMPLETED

Planned Timeline
(By Semester)

Communications (6)

ENG 111 English Composition I (3)
Pre-requisite: ENG 109 or adequate score on the Course Placement evaluation

Choose **one** of the following three courses:

ENG 112 English Composition II (3)

Pre-requisite: ENG 111

ENG 116 Technical Writing (3)

Pre-requisite: ENG 111

SPCH 130 Public Speaking I (3)

Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

Math/Computers/Lab Sciences (8)

BIOL 237/L Human Anatomy & Physiology I (4)

Pre-requisite: CHEM 110/L

BIOL 238/L Human Anatomy & Physiology II (4)

Pre-requisite: BIOL 237/L

Humanities (3)

Choose from the following discipline areas: Art (theory only), History, Humanities, Literature, Music (theory only) Philosophy, or Theatre (theory only)

Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

Elective (3) _____

Social/Behavioral Sciences (3)

Choose from the following discipline areas: Anthropology, Economics, Geography, Political Science Psychology, or Sociology

Pre-requisite ENG 109 or adequate score on the Course Placement Evaluation

Elective (3) _____

HEALTH, PHYSICAL EDUCATION & RECREATION (1)

Elective(1) _____

PROGRAM REQUIREMENTS (66)

HSCI 125 Medical Terminology (2)

Pre or Co-requisite: ENG 109 or adequate score on the Course Placement Evaluation

RAD 108 Basic Patient Care (3)

RAD 135L Principles of Radiologic Techniques I (3)

RAD 136L Principles of Radiologic Techniques II (3)

Pre-requisite: RAD 135L

RAD 140 Radiologic Procedures I (4)

Co-requisite: RAD 140L

RAD 140L Radiologic Procedures I Lab (1)

RAD 141 Radiologic Procedures II (4)

Pre-requisite RAD 140 Co-requisite: RAD 141L

RAD 141L Radiologic Procedures II Lab (1)

Pre-requisite: RAD 140L

RAD 142 Radiologic Procedures III (3)

Pre-requisite: RAD 141 Co-requisite RAD 142L

RAD 142L Radiologic Procedures III Lab (1)

Pre-requisite: RAD 141L; Co-requisite: RAD 142

RAD 145L Clinical Experience I (5)

Co-requisite: RAD 140L

RAD 146L Clinical Experience II (5)

Pre-requisite: RAD 145L; Co-requisite: RAD 141L

RAD 149L Clinical Experience III (5)

Pre-requisite: RAD 146L, Co-requisite: RAD 142

RAD 235 Radiologic Physics (3)

Pre-requisite: RAD 136L or permission of instructor

RAD 236 Principles of Radiologic Techniques III (2)

Pre-requisite: RAD 136L or permission of instructor

RAD 240 Radiologic Procedures IV (3)

Pre-requisite: RAD 141L or permission of instructor; Co-requisite: RAD 245L

RAD 245L Clinical Experience IV (8)

Pre-requisite: RAD 149L or permission of instructor; Co-requisite: RAD 240

RAD 246L Clinical Experience V (8)

Pre-requisite: RAD 245L or permission of instructor

RAD 250 Radiologic Pathology (1)

Pre-requisite: RAD 240 or permission of instructor

RAD 251 Registry Review (1)

Pre-requisite: RAD 240 or permission of instructor

TOTAL CREDIT HOURS: 87

Required Sequence of Courses

For RAD courses only (general education course may be taken anytime)

First Year

Fall (18)

RAD 108 (3)

RAD 135L (3)

RAD 140/L (5)

RAD 145L (5)

Humanities Elective (3)

(3)

Spring (15)

RAD 136L (3)

RAD 141/L (5)

RAD 146L (5)

**Social / Behavioral. elective

Summer

RAD 149L (5)
RAD 142/L (4)

Second Year

Fall (17)

RAD 235 (3)
RAD 240 (3)
RAD 245L (8)

Spring (13)

RAD 236 (2)
RAD 246L (8)
RAD 250 (1)
RAD 251 (1)
HPER Elective (1)

Choose **one of following:

ENG 112 (3)
ENG 116 (3)
SPCH 130 (3)

EDUCATIONAL PLANNING FORM

Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units