

RADIOLOGIC TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2024-2025 Catalog (67-70 credits)

NOTE: To graduate, Radiologic Technology majors must earn a C- or better in all RADT courses; however, the students most likely to be competitive in the admissions process will have earned a B or better in their prerequisites. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 66 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework. Note: The program is using variable credit until fall 2021 cohort graduates.

| Prefix | Title | Credits |
|---|--|---------|
| General Education | | |
| <i>Select one course from four of the following six content areas for a total of 12-14 credits</i> ^{1,2} | | |
| This degree requires courses from Areas I, II, III, and IV; students do not need to take additional courses to complete the General Education requirements. | | |
| Area I: Communications | | |
| ENGL 1110G | Composition I ^{3,9} | 4 |
| Area II: Mathematics | | |
| MATH 1220G | College Algebra (or Higher) ^{3,4} | 3 |
| Area III: Laboratory Sciences | | |
| CHEM 1120G | Introduction to Chemistry Lecture and Laboratory (non majors) (or higher) ³ | 4 |
| CHEM 1120G or higher | | |
| Area IV: Social/Behavioral Sciences | | |
| PSYC 1110G | Introduction to Psychology ³ | 3 |
| or SOCI 1110G | Introduction to Sociology | |
| General Education Elective (3-4 cr.) ⁷ | | |
| Core Requirement | | |
| BIOL 1130G | Introductory Anatomy & Physiology (non-majors) ⁸ | 4 |
| or BIOL 2210 | Human Anatomy and Physiology I for the Health Sciences | |
| Major Requirements | | |
| Technical Requirements ⁵ | | |
| RADT 100 | Introduction to Radiologic Technology and Patient Care | 3 |
| RADT 101 | Radiographic Positioning I | 2 |
| RADT 101 L | Radiographic Positioning I Applied Clinical Skills | 1 |
| RADT 102 | Radiographic Positioning II | 2 |
| RADT 102 L | Radiographic Positioning II Applied Clinical Skills | 1 |
| RADT 103 | Introduction to Radiographic Imaging | 2 |

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|----------------------|--|-----------|
| RADT 103 L | Intro to Radiographic Imaging Applied Clinic Skills | 1 |
| RADT 104 | Special Radiologic Modalities | 3 |
| RADT 105 | Radiographic Physics and Equipment | 3 |
| RADT 110 | Radiographic Pathology | 3 |
| RADT 111 | Radiographic Positioning I Practicum | 1 |
| RADT 112 | Radiographic Positioning II Practicums | 1 |
| RADT 154 | Radiographic Anatomy and Physiology | 3 |
| RADT 200 | Radiation Biology and Protection | 2 |
| RADT 201 | Clinical Practicum I | 4 |
| RADT 202 | Clinical Practicum II | 6 |
| RADT 203 | Clinical Practicum III | 3 |
| RADT 204 | Special Modalities Practicum IV | 3 |
| RADT 205 | Radiographic Image Critique | 2 |
| RADT 206 | Applied Radiographic Procedures | 3 |
| RADT 156 | Independent Study (optional not required) ⁵ | |
| Total Credits | | 67 |

¹ Each course selected must be from a different area and students cannot take multiple courses in the same area.

² See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.

³ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

⁴ MATH 1220G College Algebra is required for the degree but students may need to take any prerequisites needed to enter MATH 1220G first.

⁵ All RADT classes are restricted to students who have completed the Core and Related Requirements and have been accepted into the Radiologic Technology Program.

⁶ RADT 156 Independent Study (optional 1-6 credits, not required, used for special topics on a case-by-case basis)

⁷ If a student completes BIOL 1130G the General Education requirements will be satisfied.

⁸ If a student completes BIOL 2210, the student will also be required to complete a general education elective to meet the NM general education requirement for an Applied Associate degree.

⁹ ENGL 1110G can also be taken in the 5th semester in the last year of program.

(67-70 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 67 credits. Developmental coursework will not count towards the

degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

| Semester 1 | | Credits |
|---|--|----------------|
| Area I: Communications – English Composition Level 1 | | 4 |
| ENGL 1110G | Composition I ⁹ | |
| Area II: Mathematics | | 3 |
| MATH 1220G | College Algebra (or Higher) | |
| Area III: Laboratory Sciences | | 4 |
| CHEM 1120G | Introduction to Chemistry Lecture and Laboratory (non majors) (or higher) | |
| Area IV: Social/Behavioral Sciences | | 3 |
| PSYC 1110G or SOCI 1110G | Introduction to Psychology or Introduction to Sociology | |
| BIOL 1130G or BIOL 2210 | Introductory Anatomy & Physiology (non-majors) ^{7,8} or Human Anatomy and Physiology I for the Health Sciences | 4 |
| Credits | | 18 |
| Semester 2 | | |
| RADT 100 | Introduction to Radiologic Technology and Patient Care | 3 |
| RADT 101 | Radiographic Positioning I | 2 |
| RADT 101 L | Radiographic Positioning I Applied Clinical Skills | 1 |
| RADT 111 | Radiographic Positioning I Practicum | 1 |
| RADT 103 | Introduction to Radiographic Imaging | 2 |
| RADT 103 L | Intro to Radiographic Imaging Applied Clinic Skills | 1 |
| RADT 154 | Radiographic Anatomy and Physiology | 3 |
| General Education Elective 3-4 credits (only needed if BIOL 2210 taken for core requirement) | | |
| Credits | | 13 |
| Semester 3 | | |
| RADT 102 | Radiographic Positioning II ¹⁰ | 2 |
| RADT 102 L | Radiographic Positioning II Applied Clinical Skills | 1 |
| RADT 112 | Radiographic Positioning II Practicums | 1 |
| RADT 105 | Radiographic Physics and Equipment | 3 |
| RADT 110 | Radiographic Pathology | 3 |
| RADT 200 | Radiation Biology and Protection | 2 |
| Credits | | 12 |
| Semester 4 | | |
| RADT 201 | Clinical Practicum I | 4 |
| Credits | | 4 |
| Semester 5 | | |
| RADT 202 | Clinical Practicum II ¹⁰ | 6 |
| RADT 205 | Radiographic Image Critique | 2 |
| Credits | | 8 |
| Semester 6 | | |
| RADT 203 | Clinical Practicum III ¹⁰ | 3 |
| RADT 104 | Special Radiologic Modalities | 3 |
| RADT 204 | Special Modalities Practicum IV | 3 |
| RADT 206 | Applied Radiographic Procedures | 3 |
| RADT 156 - Independent Study (optional 1-6 credits; not required, used for special topics on a case-by-case basis). | | |
| Credits | | 12 |
| Total Credits | | 67 |