



2024-2025 Academic Year

Radiography

Associate in Applied Science Degree (A.A.S.)

Science, Health Professions, and Nursing Division

[609.570.3383](tel:609.570.3383) admiss@mccc.edu

The **Radiography** program combines courses in general education and radiography with supervised clinical experience in area hospitals. Graduates are eligible to take the American Registry of Radiologic Technologist Examination in Radiography to become nationally certified and licensed by the State of New Jersey.

The program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite 2850, Chicago, IL 60606; 312-704-5300 www.jrcert.org...and the New Jersey Radiologic Technology Board of Examiners,(Board) 25 Arctic Parkway, Ewing, New Jersey 08638
<https://www.nj.gov/dep/rpp/tec/rtboard.htm>.

Graduates are employed by hospitals, clinics, diagnostic imaging centers, and the offices of private physicians.

PROGRAM OUTCOMES

- Apply the essential skills to perform diagnostic radiographic procedures competently as entry-level radiographers;
- Communicate effectively in a health care facility;
- Apply effective critical thinking skills;
- Exercise values and attitudes consistent with professional practice.
- Program effectiveness data via JRCERT is available at <https://www.mccc.edu/radiography>

Admission to the college requires a high school diploma or its equivalent, satisfactory performance on the college skills placement test, and completion of any required academic foundations courses. Upon enrollment in the college, students must declare their program of study (major) as Health Science – Radiography.

In order to be accepted into the professional phase of the radiography program, the student must be eligible to enroll in college-level English and mathematics. Students must be at least 18 years of age by January of their first year in radiography courses. Enrollment in the professional phase of the radiography program is limited, with priority given to radiography science students who have completed Anatomy and Physiology courses ([BIO 103](#) and [104](#)), Elementary Statistics ([MAT 125](#)), and Fundamentals of Physics ([PHY 109](#)) with a minimum grade of C+ or higher.

Details regarding the acceptance procedure are available on the college website and may be obtained by contacting the Enrollment Services office or the Health Professions division.

Prior to enrollment in first semester radiography courses, students must obtain a physical examination to include immunizations and lab analyses from a licensed practitioner, and complete a criminal background check. The American Registry of Radiologic Technologists has the right to determine eligibility for certification with regard to criminal violations, regulatory authority violations, and honor code violations. The New Jersey Radiologic Board of Examiners has the right to determine eligibility for licensure. For additional information, contact the Radiography program coordinator.

DEGREE CURRICULUM

2024-2025 Academic Year

RAD.B.AAS

CIP 510907

The course sequence below represents a recommended example of how this degree program can be completed in two years, presuming a Fall Term start and satisfaction of all Developmental Studies (foundation courses) requirements and prerequisites. Actual approaches toward completion depend on each student's anticipated transfer institution, career objectives, or other individual circumstances.

Students are encouraged to meet regularly with an academic advisor or Success Coach to consider options, establish plans, and monitor progress.

| Code | Course (lecture/lab/clinical hours) | Credits |
|--------------------------------|-------------------------------------|---------|
| PRE-PROFESSIONAL PHASE | | |
| FIRST SEMESTER | | |
| <u>BIO 103</u> | Anatomy and Physiology I (3/3) | 4 |
| <u>ENG 101</u> | English Composition I (3/0) | 3 |
| <u>MAT 125</u> | Elementary Statistics I (3/0) | 3 |
| <u>PSY 101</u> | Introduction to Psychology (3/0) | 3 |

SECOND SEMESTER

| | | |
|-------------------------|--|---|
| BIO 104 | Anatomy and Physiology II (3/3) | 4 |
| ENG 102 | English Composition II (3/0) | 3 |
| PHY 109 | Fundamentals of Physics (2/2) | 3 |
| — — | General Education elective | 3 |

Select PHI 204 or 205, or course from Diversity and Global Perspective [general education](#) category.

PROFESSIONAL PHASE

FIRST SEMESTER (Fall)

| | | |
|-------------------------|--|---|
| RAD 102 | Introduction to Radiography and Patient Care (1/2) | 2 |
| RAD 119 | Principles of Imaging Science I (2/0) | 2 |
| RAD 127 | Radiographic Procedures I (3/3/210) | 6 |

SECOND SEMESTER (Spring)

| | | |
|-------------------------|--|---|
| RAD 120 | Principles of Imaging Science II (2/2) | 3 |
| RAD 128 | Radiographic Procedures II (2/3/225) | 6 |

SUMMER SESSION

| | | |
|-------------------------|--|---|
| RAD 117 | Radiation Protection and Biology (2/0) | 2 |
| RAD 207 | Clinical Experience (0/0/225) | 2 |

THIRD SEMESTER (Fall)

| | | |
|-------------------------|---------------------------------------|---|
| RAD 217 | Advanced Imaging Modalities (3/0) | 3 |
| RAD 228 | Radiographic Procedures III (2/3/340) | 7 |

FOURTH SEMESTER (Spring)

| | | |
|-------------------------|---|---|
| RAD 224 | Introduction to Pathology (2/0) | 2 |
| RAD 232 | Imaging Equipment and Radiography Seminar (3/2) | 4 |
| RAD 240 | Advanced Clinical Experience I (0/0/340) | 3 |

SUMMER SESSION

| | | |
|-------------------------|---|---|
| RAD 242 | Advanced Clinical Experience II (0/0/225) | 2 |
|-------------------------|---|---|

70

NOTE: RAD 127, 128, and 228 require 30 minutes each week for competency testing in the laboratory.

NOTE: Students must earn a minimum grade of C+ in BIO 103, BIO 104, MAT 125, PHY 109, and all RAD courses. A minimum grade of C is required in all other [general education](#) courses.