

# Radiologic Technology



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Radiographers are individuals who are educated about delivering ionizing radiation. Radiographers are responsible for producing and evaluating radiographs, applying radiation safety standards at all times, and administering contrast agents for better imaging. Radiographers also provide patient education and support and must possess a high level of “people skills.” Radiographers are employed by hospitals, clinics, mobile imaging units, urgent care centers, or diagnostic imaging centers.

The Radiologic Technology (RAD) program’s professional/general education curriculum uses courses in biology, mathematics, and sciences to prepare students to enter the workforce as entry-level radiographers. Graduates will earn an Associate of Applied Science Degree in Radiologic Technology and are eligible to apply for the National Certification Examination in Radiology through the American Registry of Radiologic Technologists.

## Admission Requirements

### General Requirements and Procedures

- Prospective applicants to the RAD program, should begin by applying for general admission/acceptance status to the University of Rio Grande/Rio Grande Community College (Rio Grande), which can be done by completing an application or by logging onto [www.rio.edu](http://www.rio.edu) and completing the online admissions application. There is no admissions fee for applying online.
- Identify your “intended major field of study” as Allied Health – Associate Degree (2 years).
- It is the student’s responsibility to give an official copy of his/her high school and/or college transcript(s), and ACT scores to Rio Grande.
- Students must take the Placement Test once accepted to Rio Grande.
- Students must meet all Rio Grande admission requirements.
- Students must be admitted to Rio Grande by April 1 to be considered for RAD program admission.

### RAD Admission Requirements and Procedures

- Complete and submit the School of Allied Health Radiologic Technology Program Application, available in the Admissions Office, the School of Allied Health, or online at <http://www.rio.edu/alliedhealth/Radiologic-Technology.cfm> by April 1 of the year you are seeking fall admission. School of Allied Health’s RAD Application will be accepted from January 1 until April 1.
- Submit a **second set** of official copies of high school transcripts that include grades from 1st grading period of senior year and/or college transcripts, including transcripts from Rio Grande, and ACT scores to the RAD Program Director by April 1 of the year seeking fall admission. If you have attended college for a minimum of 12 credit hours, you are required to submit your college transcripts. Failure to submit your college transcripts will render your application ineligible.
- RAD applications are good for one year only. After students are selected for the next academic year, applications will be discarded. Students not accepted into the program must reapply each year.
- No application will be considered without complete documentation.

### Academic Requirements

- High school or college cumulative grade point average (GPA) of 2.5 or higher. High school and College Credit Plus seniors may apply without attending a year of college first. All applicants must have completed high school before admission into the program. All other College Credit Plus students are ineligible.
- Students with GEDs must successfully complete 24 credit hours as a full-time student or successfully complete 24 credit hours in consecutive semesters (excluding summers) of general courses required in the RAD program.
- The college cumulative GPA will be used in place of the high school cumulative GPA for all students who have attended college for a minimum of 12 credit hours.
- ACT composite score of 20 or higher. Students out of high school for 5 years or more at time of application deadline can take the ACT test or receive four (4) “life experience” points.

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- Completed one unit each of high school biology I, algebra I, chemistry I, and physics I/physical science or college-level equivalents and earned a minimum grade of “C” in each course. The last completed unit score or final score in those subjects must be a minimum grade of “C”.
- Successful completion of AHC 10101 – Introduction to Allied Health Professions. This is waived for entering high school seniors, College Credit Plus seniors, and transfer students accepted into the program. All current Rio students must have completed or be currently enrolled in the course and earned a minimum grade of “C”.

- Developmental courses (if needed) in English, writing, and math must be completed before admission into the program.
- The student must earn a minimum of a “C” in Principles of Human Anatomy & Physiology I, AHC 22403 Pharmacology and The Human Body, Sectional Anatomy, and/or Standards for Patient Care if enrolled in these courses.
- Any required and/or prerequisite courses in progress have to be completed with a minimum grade of a “C” by the end of spring semester to be eligible.

A complete list of all the entrance requirements for the Radiologic Technology program is available at the following website: [www.rio.edu/allied-health/Radiologic-Technology.cfm](http://www.rio.edu/allied-health/Radiologic-Technology.cfm)

## First Year

### Fall

AHC 13302 Medical Terminology I  
BIO 10104 Principles of Human Anatomy & Physiology I  
LA 10001 Gateway to Success  
MTH 21404 Intro. Probability & Statistics\*  
RAD 10101 Intro. to Radiologic Sciences  
RAD 10202 Radiation Physics  
RAD 11103 Radiographic Positioning & Imaging Procedures I  
RAD 11401 Intro. to Clinical Education

### Spring

AHC 10202 Standards for Patient Care\*\*  
AHC 22403 Pharmacology and The Human Body  
RAD 11204 Radiographic Positioning & Imaging Procedures II  
RAD 11304 Imaging & Processing I  
RAD 11502 Clinical Education I

### Summer

RAD 21102 Radiographic Positioning & Imaging Procedures III  
RAD 21204 Clinical Education II

## Second Year

### Fall

ENG 11103 Composition I\*  
RAD 21302 Radiobiology & Radiation Protection  
RAD 21402 Imaging & Processing II  
RAD 21503 Clinical Education III  
RAD 21701 Radiologic Pathology  
RAD 21801 Basic Radiographic Seminar

### Spring

AHC 10401 Sectional Anatomy  
COM 11103 Fundamentals of Speech  
ENG 11203 Composition II or  
ENG 21403 Business & Technical Writing  
PHR 21403 Medical Ethics  
RAD 11601 Computed Tomography  
RAD 21802 Radiographic Seminar  
RAD 21903 Clinical Education IV

### Program Total: 68

\* Placement determined by Placement Test

\*\* Students who did not take Tracey Boggs for AHC 10202 Standards of Patient Care will be required to enroll in RAD 28801 Selected Topics for Patient Care Competencies Skills

The clinical education courses are conducted at a variety of hospitals, clinics, and diagnostic imaging centers within a 60-mile radius of the University. Students will not be scheduled for more than 40 hours per week, which includes classes and clinical education rotations. Students are responsible for their own transportation to and from the clinical education sites and fees associated with cost of computer-based clinical grading & recording keeping.

Clinical Education is scheduled from 8:00 a.m. - 4:30 p.m. on the following days:

*First Year* - Fall: F; Spring: M, W; Summer: M, T, R, F

*Second Year* - Fall: T, R, F; Spring: T, R, F.

**Drug & Alcohol Testing:** Students in the RAD program are subject to random drug and/or alcohol testing. Students are responsible for testing fee. Students must pass random drug/alcohol test.

**BCI and FBI Background Checks:** Students in the RAD program are subject to BCI and FBI background checks. Students are responsible for background check fees. Students must receive a BCI & FBI background checks with clear results.

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