RADIOLOGIC TECHNOLOGY – ASSOCIATE IN SCIENCE DEGREE, CERTIFICATE OF ACHIEVEMENT

Top Code:

1225.00

The Radiologic Technology Program prepares students to begin a career and gain employment as a Radiologic Technologist in the medical field. Employment opportunities may be available in medical offices, Clinics, Hospitals, Education, Sales, PACS Administration, and Management. Students have an opportunity to take advanced modality courses within the program. Upon successful completion of the program the student is eligible to take the American Registry of Radiologic Technologist Examination (ARRT). Once certified a student would be eligible to apply to the State of California for the Radiologic Technologist License (CRT) and Fluoroscopy License and or another advanced modality licensure.

The program is accredited by the Joint Review Commission on Education in Radiologic Technology (JRCERT) in coordination with the California Department of Public Health, Radiologic Health Branch.

A Certificate of Achievement and or an associate degree is awarded upon completion of all required Radiologic Technology courses with a minimum grade of C or better.

Prerequisite courses for the program include:

ANAT 025 HUMAN ANATOMY & PYSO 001 HUMAN PHYSIOLOGY, or equivalent (must include a laboratory component)
Chemistry – General or Organic or Biochemistry, **CHEM 022 INTRODUCTORY CHEMISTRY or CHEM 001A GENERAL CHEMISTRY AND CHEMICAL ANALYSIS I is acceptable, CHEM 002A is preferred.
Intermediate Algebra or higher level of Math
Medical Terminology (3-unit class)
All associate degree general education courses completed.

"In Progress" work for the prerequisites will not be considered during the selection progress. (Physiology 002A and 002B can be substituted for Anatomy 025 and Physiology 001)

Selection criteria for admission to the program:

All eligible applicants must have a GPA of 2.5 in the completed prerequisite courses for consideration for acceptance into the radiologic technology program. An associate degree may be awarded upon attainment of a Certificate of Achievement and completion of all general education requirements for the AS degree with a GPA of 2.0 in the general education courses and minimum GPA of 2.5 in the prerequisite courses. A student must apply to obtain the Associate Science degree after program completion. Students are accepted into the program with advanced degrees if a higher degree is already in place, a degree from Pasadena

City College is not needed unless a student wants to earn an associate degree from Pasadena City College.

Selection is based on random selection after completion of the prerequisite and general education courses leading to an associate degree has been verified. All applicants must have a minimum of GPA 2.5 in the completed prerequisite courses, overall, 2.0 in the completed general education courses with an associate degree or higher. A grade of a "D" or "F" in any of the prerequisite courses will not be accepted. If the number of qualified applicants exceeds the number of spaces available, selections will be made by random selection. Alternates will be chosen by random selection and alternate status does not guarantee admission. The Health Sciences Division will inform applicants of the status of their application by email only. Current email is required when applying to the program and applicants will be notified by email only. It is recommended that prerequisite courses be completed within a 3-year period prior to the application period.

The program does not maintain a wait list from year to year as applications need to be uploaded in the portal yearly if students are not accepted. The number of students selected for admission to the program varies from year to year and the program accepts 20-25 per class yearly for summer admission. "In Progress" work will not be considered during the selection process. The program no longer has a priority list for admission, as the application is open for everyone who has completed the required pre-requisite courses and completed the GE courses leading to a degree if needed. No priority is given to students from other programs, or who hold an advanced degree.

U.S. Veterans and spouses may receive priority status if all prerequisite courses and GE courses are completed prior to application. For spouses of veterans, a copy of the DD214 form and a copy of a marriage certificate is required to be submitted with the application. The program follows Title 5 admission policies.

Program Outcomes

- Completion of the radiologic technology program and courses successfully.
- Demonstrate effective communication with patients, staff, and other members in the health care field.
- Demonstrate technical skills, critical thinking abilities, problem solving skills and practice safety protocols during radiographic examination.
- Develop knowledge about professional growth, foster empathy, and the need to work toward excellence.

Requirements for the Certificate of Achievement

Code	Title	Units
Summer Session 1A Junior Class		
RDTC 100	INTRODUCTION TO MEDICAL IMAGING	2
RDTC 101	MEDICAL PROCEDURES FOR THE TECHNOLOGIST	3
Fall Junior Class		
RDTC 102	RADIATION PROTECTION & RADIOBIOLOGY	3
RDTC 103A	RADIOGRAPHIC ANATOMY AND POSITIONING, A	3.5

RDTC 110	PROFESSIONAL ETHICS	2
RDTC 112A	RADIOLOGIC PHYSICS, A	3
RDTC 117A	CLINICAL PRACTICUM, 1	4.5
Winter Session Junior Class		
RDTC 113	CLINICAL PRACTICUM, 3	2
Spring Session Junior Class		
RDTC 103B	RADIOGRAPHIC ANATOMY AND POSITIONING, B	3.5
RDTC 104	PRINCIPLES OF RADIOGRAPHIC IMAGING	3
RDTC 112B	RADIOLOGIC PHYSICS, B	3
RDTC 117B	CLINICAL PRACTICUM, 2	4.5
Summer Session Senior Class		
RDTC 119	CLINICAL PRACTICUM, 4	7.5
Fall Senior Class		
RDTC 103C	CROSS SECTIONAL ANATOMY	3
RDTC 105	SPECIAL PROCEDURES	3
RDTC 111	DIGITAL RADIOGRAPHY	2
RDTC 117C	CLINICAL PRACTICUM, 5	9
Winter Session Senior Class		
RDTC 113B	CLINICAL PRACTICUM, B	4
Spring Senior Class		
RDTC 116	RADIOLOGIC TECHNOLOGY REVIEW	2
RDTC 117D	CLINICAL PRACTICUM, 6	7.5
Required Electives - Senior Class		**3-6**
Choose one or both		
RDTC 121	MAMMOGRAPHY PROCEDURES	
RDTC 123	COMPUTERIZED TOMOGRAPHY	
Total Units		**78-81**

Visit the Program Mapper (https://pasadena-city.programmapper.ws/academics/interest-clusters/8353468c-9ac9-4b4b-a310-843b126d204c/programs/48b1447d-a523-f942-fc1e-a03d0c36a746/) for a suggested sequence of courses.

General Education Requirements for the Associate in Science Degree

- General Information (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/)
- PCC Local Gen Ed (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#pcclocaltext)
- CSU Breadth (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#csubreadthtext)
- IGETC (https://curriculum.pasadena.edu/academic-programs-leading-degree-certificate/#igetctext)