

# RADIOLOGIC TECHNOLOGY, ASSOCIATE IN SCIENCE DEGREE

Financial Aid Eligible

Banner Code: 1\_AS\_RADT

Control Number: 04008

The Radiologic Technologist captures images of human anatomy utilizing digital, x-ray film, or video for diagnostic use by a radiologist or other medical specialist. Graduates of the program are eligible for examination by the American Registry of Radiologist Technologists. Successful applicants have the right to use the title "Registered Radiologic Technologist" (RT)(R)(ARRT). In order to practice in California, the R.T. must also apply for licensure by the Department of Health Services in Sacramento. Completion of the Associate in Science degree a program qualifies the student for eligibility for the state C.R.T. Examination. A bachelor degree program has been articulated with CSU Northridge. The Orange Coast College Radiologic Technology program is accredited by:

The Joint Review Committee on Education in Radiologic Technology  
20 N. Wacker Drive, Suite 900  
Chicago, IL 60606-2901  
Tel: (312) 704-5300  
Fax: (312) 704-5304

And approved by the California Department of Public Health and is affiliated with numerous hospitals in Orange County. Classrooms are well equipped and include on-campus energized x-ray laboratories.

Program application process is accomplished by taking program prerequisite, Allied Health A010. This short-term course is mandatory for all prospective program applicants. The Radiologic Technology program starts only in the fall semester of every school year.

The Radiologic Technology program is a full-time (two years including one summer session and two intersessions) program. Successful program completion requires the following:

1. completion of all required radiologic technology courses as outlined in catalog,
2. completion of approximately 1850 clinical hours, and
3. completion of all requirements for an Associate in Science degree as required by Orange Coast College.

These specific program completion requirements must be satisfied within the two-year time frame of the Radiologic Technology program. Eligibility for the post program state and registry examinations is dependent upon meeting these requirements.

This program requires the student to participate in clinical experience concurrent with classroom courses. Clinical responsibilities will be arranged by the Radiologic Technology faculty and will include evening and/or weekend assignments. The student receives no salary for this clinical experience but will receive course credit toward program completion. Clinical sites will be within a 30 mile radius of the school and transportation is the responsibility of the student and may include parking fees.

Radiologic Technology is a rapidly expanding allied health profession.

## Program Admission

1. Allied Health A010 course - application and orientation.
2. The student must complete the general education requirements for an Associate in Science Degree requirements and the program prerequisites prior to acceptance to the program.

## Program Outcomes

1. Graduate students who are clinically competent and ready to begin a successful career in the Radiologic Sciences.
2. Students will be able to demonstrate professional and ethical behaviors.
3. Students will exhibit the communication skills necessary to effectively perform the duties of a Radiographer in a variety of health care environments.
4. Students will demonstrate independent critical thinking skills to solve clinical practice related problems to optimize diagnostic outcomes.

## Associate in Science Degree Requirements

1. **UNIT REQUIREMENT** - 60 UNITS, with at least a 2.0 grade point average. At least 12 of the units must be earned at OCC, with a minimum of one course taken for a letter grade. At least 3 units in an advanced course from the program must be completed at OCC. A student must be enrolled at the time of application for graduation. Units earned at an accredited college or university on a credit/no credit basis will be counted toward the degree requirements of the college, to a maximum of 15 units.
2. **MAJOR REQUIREMENT** - Complete the AA or AS major requirements as detailed in the Degree and Certificate section of this catalog.
3. **MATHEMATICS REQUIREMENT** - Demonstrate competence in mathematics by either obtaining a satisfactory grade (grade of "C" or better or "pass") in a mathematics course at or above the level of Intermediate Algebra as demonstrated by prior coursework, or by demonstrating competency that is comparable through the completion of a college-level math course that has Intermediate Algebra as a prerequisite: Psychology A160 or Math A100 or higher, with the exception of Math A220.
4. **GENERAL EDUCATION REQUIREMENT** - Students may choose to complete Option 1 (OCC AA GE) (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-arts-general-education-option-1/>), Option 1 (OCC AS GE) (<https://catalog.cccd.edu/orange-coast/pathways/careers-healthcare/radiologic-technology/radiologic-technology-associate-science-degree/orange-coast/general-education-patterns/associate-science-general-education-option-1/>), Option 2 (CSU GE) (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-degree-general-education-option-2/>), or Option 3 (IGETC) (<https://catalog.cccd.edu/orange-coast/general-education-patterns/associate-degree-general-education-option-3/>) to satisfy the general education requirement. See the General Education Patterns section of this catalog for more information.

## Program Prerequisites

Course	Title	Units
ALH A010	Health Occupations	0.5
ALH A111	Medical Terminology	3
BIOL A221	Anatomy-Physiology	4

Course	Title	Units
RADT A100	Radiologic Physics	2
Total Units		9.5

Course	Title	Units
<b>Year 1</b>		
<b>Fall</b>		
ALH A115	Patient Care	2.5
RADT A105	Radiation and Imaging Safety	1
RADT A165	Beginning Radiologic Practice	1.5
RADT A170	Radiographic Positioning and Critique	3
RADT A171	Clinical Lab 1	2
RADT A180	Radiographic Imaging	3
Units		13

<b>Interession</b>		
RADT A172	Clinical Lab 2	2
Units		2

<b>Spring</b>		
ALH A120	Human Diseases	2
RADT A175	Radiographic Positioning and Critique 2	3
RADT A176	Clinical Lab 3	7
RADT A185	Radiographic Pathology	1
Units		13

<b>Summer</b>		
RADT A177	Clinical Lab 4	4.5
Units		4.5

<b>Year 2</b>		
<b>Fall</b>		
RADT A265	Principles of Digital Imaging and Computer Applications	2
RADT A270	Radiographic Positioning and Critique 3	2.5
RADT A271	Clinical Lab 5	9
Units		13.5

<b>Interession</b>		
RADT A276	Clinical Lab 6	2
Units		2

<b>Spring</b>		
RADT A216	Advanced Radiologic Patient Care	2
RADT A275	Radiographic Positioning and Critique 4	3
RADT A277	Clinical Lab 7	7
RADT A285	ARRT Board Preparation	1
RADT A290	Applied Physics & Fluoroscopy	2.5
Units		15.5
Total Units		63.5

Requirement	Units
Program Major Units	73
AS General Education Option 1, 2, or 3	Varies
Total Minimum Degree Units	88

**Radiologic Technology Suggested Elective**

Course	Title	Units
PHIL A120	Ethics	3