

RADIOLOGIC TECHNOLOGY (DIAGNOSTIC)

Associate in Science Degree

The Radiologic Technologist prepares demonstrations of human anatomy on an x-ray film or fluoroscopic screen 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)). In order to practice in California, the R.T. must also apply for certification 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. In this training consortium, students are rotated through planned learning experiences. 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. See current class schedule for specific course meeting times. Although applications are accepted throughout the year, the Radiologic Technology program starts only in the fall semester of every school year.

In addition to the Allied Health A010 course, the program has other prerequisites which must be completed with grade "C" or better before program entry. Students with prior Radiologic Technology training or experience may be eligible for a waiver of Allied Health A010 and/or advanced program standing.

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 are dependent upon meeting these requirements. The program applicant needs to complete all units of the General Education requirement before program entry. 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.

Radiologic Technology is a rapidly expanding allied health profession.

Program Outcome

Graduate students who are clinically competent and meet the needs of the imaging community. Provide ethical patient care, comfort, and safety while demonstrating the communication and independent critical thinking skills necessary to effectively participate in the health care environment. Practice the concept of life-long learning through continued education and participation in professional Radiologic Technology organizations.



Program Admission:

1. Allied Health A010 course – application and orientation
2. The student must complete Associate of Science degree General Education requirements as listed in the catalog and the program prerequisites prior to acceptance to the program.

Program prerequisite:

Health Occupations	ALH	A010	(,5)
Medical Terminology	ALH	A111	(3)
Anatomy-Physiology	BIOL	A221	(4)

Subtotal: (7.5)

Students are required to earn a grade of “C” or better in all courses.

B. Required courses for this major:

Course			Units
FIRST YEAR			
Fall			
Patient Care	ALH	A115	(2.5)
Rad Physics & Protection	RADT	A110	(3)
Beg Radiologic Practice	RADT	A165	(1.5)
Rad Positioning/Critique 1	RADT	A170	(3)
Clinical Lab 1	RADT	A171	(1)
Radiographic Imaging	RADT	A180	(3)
Intersession			
Clinical Lab 2	RADT	A172	(1)
Spring			
Human Diseases	ALH	A120	(2)
Rad Positioning/Critique 2	RADT	A175	(3)
Clinical Lab 3	RADT	A176	(5.5)
Radiographic Pathology	RADT	A185	(1)
Summer			
Clinical Lab 4	RADT	A177	(3)
SECOND YEAR			
Fall			
Digital Imaging & Computer Applications	RADT	A265	(2)
Rad Positioning/Critique 3	RADT	A270	(3)
Clinical Lab 5	RADT	A271	(7.5)
Intersession			
Clinical Lab 6	RADT	A276	(1)
Spring			
Radiologic Technology	RADT	A216	(2)
Rad Positioning/Critique 4	RADT	A275	(3)
ARRT Board Prep	RADT	A285	(1)
Applied Physics & Fluoroscopy	RADT	A290	(2.5)
Clinical Lab 7	RADT	A277	(5.5)
			(57)
Total:			(64.5)

Students are required to earn a grade of “C” or better in all prerequisite and required courses.

Suggested elective:

Ethics	PHIL/RLST	A120	(3)
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REAL ESTATE – BROKER

Students who complete the Real Estate-Broker Certificate of Achievement are equipped with immediately marketable skills and also the coursework necessary to sit for the California Real Estate Broker’s Examination. All courses must be completed with a grade of “C” or better.

Program Outcomes

Upon successful completion of the Certificate of Achievement in Real Estate, graduates will be able to:

Function effectively in an entry-level real estate position using the skills, principles, and tools they have acquired.

Communicate effectively in personal organizational and real estate environments.

Apply the real estate principles they have learned to effectively facilitate real estate transactions in a variety of settings.

Be prepared to sit for the California Real Estate Broker’s Exam.

CERTIFICATE OF ACHIEVEMENT

Required Courses

Course			Units
Accounting for Small Business (3)	ACCT	A100	
(Or)			(3-4)
Financial Accounting (4)	ACCT	A101	
Business Law	BUS	A110	(3)
Macroeconomics	ECON	A180	
(Or)			(3)
Microeconomics	ECON	A185	
Real Estate Principles	RE	A110	(3)
Legal Aspects of Real Estate	RE	A120	(3)
Real Estate Practice	RE	A130	(3)
Real Estate Appraisal	RE	A140	(3)
Real Estate Finance	RE	A150	(3)
Total:			(24-25)

ASSOCIATE DEGREES

Complete the Certificate of Achievement and either the Associate in Arts or Associate in Science Graduation Requirements as outlined in the Graduation Requirements section of the catalog.

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