



# **El Camino Community College**

## **Division of Health Sciences and Athletics**

### **Radiologic Technology Program**

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#### **ABOUT THE PROGRAM:**

The Radiologic Technology Program at El Camino College is a diagnostic medical radiography program leading to an A.S. Degree and eligibility to take licensing examinations for the American Registry of Radiologic Technology (ARRT) R.T. (R), and certification by the State of California, Radiologic Health Branch for Radiography (C.R.T) and Fluoroscopy (F).

This program does not offer separate courses in only fluoroscopy for state certification. The fluoroscopy courses are integrated within the Program Courses. This program does not offer courses for certification in Mammography, Ultrasound, Nuclear Medicine, Radiation Therapy, MRI or Computed Tomography (CT).

The Associate in Science (A.S.) Degree Radiologic Technology program is a minimum of twenty-five months in length. The Program begins a new class of students each FALL semester. The program consists of four regular semesters (Fall and Spring), two eight week Summer sessions, and one Fall semester post session.

The clinical (hospital) internship parallels the academic courses. Satisfactory completion of all academic and clinical competencies for the degree and certification requirements qualifies students for State and National Certification examinations.

The Radiologic Technology Program is fully accredited, having met requirements of The Joint Review Committee on Education in Radiologic Technology (JRCERT), and the California Department of Public Health, Radiologic Health Branch (CDPH-RHB).

Radiologic Technology Program Courses must be taken in sequence, and each course must be completed with a minimum grade of "C" to continue into the next semester and remain in the program.

#### **TRANSFER CREDIT:**

Students wishing to transfer from another Radiologic Technology program must contact the Program Director for assessment. Advanced standing will be determined following the submission and evaluation of course descriptions, official transcripts, and verification of clinical experience. Applicants with prior training or experience in Radiologic Technology may petition for credit by examination for RTEC A, RTEC 106, RTEC 107, and RTEC 111. Each applicant will be evaluated on an individual basis.

#### **ADMISSION INTO THE PROGRAM:**

Students are admitted into the program by an application process. Applications are available online on the ECC Radiologic Technology programs website:



<http://www.elcamino.edu/academics/healthsciences/radiologictech/>

A limited number of students are admitted into the program annually. Class size is determined by the availability of clinical space, approximately 24 students per year. There is no longer a waiting list for the program. Admission is based on a multi-criteria point system. The application filing period is every year during the Spring semester for Fall entrance into the program. In order to apply it is expected that all prerequisites are complete only general education courses be in progress at the time of application. Please see the Radiologic Technology Program worksheet for counseling/advisement on page 3 for detailed information. After being admitted to the program students will be notified by email about their program start date and also information about the mandatory orientation classes held in the summer prior to start the program in the Fall.

## Special Note Regarding A.R.R.T. Certification Eligibility

Students **must** comply with the “Rules of Ethics” contained in the American Registry of Radiologic Technologists’ (ARRT) Standard of Ethics. These are minimally acceptable standards of professional conduct for all presently Registered Technologists and Applicants. The “Rules of Ethics” are intended to promote the protection, safety and comfort of patients. The “Rules of Ethics” are available for review at [www.arrt.org](http://www.arrt.org)

The A.R.R.T. may deny applications for certification if the applicant has been found guilty of dishonesty, fraud, deceit, acts which deceive the public, felony, child abuse, sex offender crimes; acts involving narcotics, dangerous drugs or devices, assault and/or battery and other crimes.

Applicants having questions regarding limitations related to licensure should contact:

**THE AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGISTS**  
1255 NORTHLAND DRIVE  
ST. PAUL, MINNESOTA 55120-1155  
TEL: (651) 687-0048 Web Site: [www.arrt.org](http://www.arrt.org)  
For a Pre-Application Packet

**Requests for Criminal Background Checks:** The Joint Commission on Accreditation of Hospitals Organizations (JCAHO) requires that all persons involved in direct patient care, complete and pass a personal background check. JCAHO requires verification of competency of all individuals who have direct contact with patients or employees; this includes **students** doing clinical rotations in the healthcare facility. Competency extends beyond technical skills to an individual’s criminal history. HR 1.20 & Title 5, section 58106 allows districts to **establish limitations on enrollment** for various reasons to protect health and safety.

Successful completion of a criminal background check is **required for admission** and continuation in all Health Sciences Programs. The criminal background check policy and procedure for meeting this mandated prerequisite is available from the Program Director. The student shall be responsible for paying any associated costs of a criminal background check. The Radiologic Technology Program background checks are done at a cost of approximately \$50.

### FOR QUESTIONS AND MORE INFORMATION:

Program Email: [RadTech@elcamino.edu](mailto:RadTech@elcamino.edu)

**THE RADIOLOGIC TECHNOLOGY PROGRAM DIRECTOR:**  
Mrs. Dawn Charman, M.Ed., R.T. (310) 660-3593 ext. 3247  
16007 Crenshaw Blvd., Torrance, CA 90506  
Email: [RadTechDirector@elcamino.edu](mailto:RadTechDirector@elcamino.edu)

### PROGRAM WEBSITE:

<http://www.elcamino.edu/academics/healthsciences/radiologictech/>



To view additional information about the Radiologic Technology profession and job opportunities, please visit the American Society for Radiologic Technologist website at [www.asrt.org](http://www.asrt.org)



EL CAMINO COLLEGE  
RADIOLOGIC TECHNOLOGY PROGRAM  
WORK SHEET FOR COUNSELING/ADVISEMENT

Requirements	Completed Date
1. Follow the steps to enrollment for El Camino College. <a href="http://www.elcamino.edu/docs/ECC-One-Stop-Guide.pdf">http://www.elcamino.edu/docs/ECC-One-Stop-Guide.pdf</a>	
2. Have official college transcripts from regionally accredited institutions sent directly to El Camino College Admissions and Records. All transcripts from outside the United States must be evaluated by an ECC-approved foreign evaluation service.	
3. Meet with a Health Science Counselor. Make an appointment online using myecc for an appointment; Compton Education Center call (310) 900-1600 extension 2076 for an appointment.	
4. Take required courses as specified on your educational plan. See requirements below.	
<p><b>PROGRAM PREREQUISITE COURSES</b> A minimum of a 2.25 GPA is required in all prerequisite coursework</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Radiologic Technology A</li> <li><input type="checkbox"/> Anatomy 32 or Anatomy and Physiology 34A*\$(requires pre/co-requisite)</li> <li><input type="checkbox"/> Physiology 31**(requires prerequisite) or Anatomy and Physiology 34B\$</li> <li><input type="checkbox"/> English 1A (must be 3 semester or 4 quarter units)</li> <li><input type="checkbox"/> Psychology 5</li> <li><input type="checkbox"/> Computer Information Systems 13</li> <li><input type="checkbox"/> Math 73 or 80 or pass the mathematics competency test</li> <li><input type="checkbox"/> Medical Terminology 1 (grade is not included in the prerequisite GPA)</li> </ul> <p>* Anatomy and Physiology 34A requires Chem. 4, 20 or 21A with a "C" or better or concurrent enrollment \$ Anatomy and Physiology 34A and Anatomy and Physiology 34B must be completed in a series, entirely at El Camino College in order to meet this requirement. **Physiology 31 requires Anatomy 32 and Chem. 4, 20 or 21A with a "C" or better</p>	
<p><b>GENERAL EDUCATION REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Humanities course (see section 3 in box below)</li> <li><input type="checkbox"/> Health and Physical Education course (see section 5 in box below)</li> </ul>	
<p><b>RECOMMENDED COURSES</b> (additional points are awarded at the time of admission if the following courses are completed with an A or B grade or in progress)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Anatomy 30</li> <li><input type="checkbox"/> Communication Studies 100 or 120 or 130 or 140</li> <li><input type="checkbox"/> Physical Education 201</li> </ul>	
5. Complete and file an application during the filing period each spring semester. Include the verification form that must be completed by a counselor. All prerequisite and general education requirements must be completed before filing an application, in-progress coursework is not accepted.	

**HUMANITIES: (Minimum 3 semester units)**

ARCHITECTURE 104; ART 101, 102A, 102B, 102C, 106, 150 (same as PHOTOGRAPHY 150), 205A, 205B, 207, 208, 208H, 209; CHINESE 24; COMMUNICATION STUDIES 250; DANCE 101, 103; ENGLISH 1B, 1BH, 12, 15A, 15B, 18, 20, 21, 23, 26, 27, 28, 30, 31, 34, 35, 36, 39, 40A; 40B, 41B, 42, 43, 44, 47, 48; FASHION 31; FILM 105, 110, 113, 153,154; FOREIGN LANGUAGE (CHINESE, FRENCH, GERMAN, ITALIAN, JAPANESE, SPANISH) course 1-6; HUMANITIES 1; ITALIAN 24; JAPANESE 25; MUSIC 101, 103, 111, 112, 113, 116, 117, 215A, 215B; PHILOSOPHY 101, 103, 107, 111, 115, 114, 120; PHOTOGRAPHY 150 (same as ART 150); SIGN LANGUAGE/INTERPRETER TRAINING 111, 112, 113, 114, 130; SPANISH 52A, 52B; THEATRE 103, 104, 113

**HEALTH AND PHYSICAL EDUCATION: (Minimum 3 semester units)**

CONTEMPORARY HEALTH 1; HUMAN DEVELOPMENT 110; PE 280; PSYCHOLOGY 2, 16, 22; NUTRITION 11

PHYSICAL ACTIVITY OR FITNESS COURSES: DANCE 110, 120A, 130A, 140, 150, 161, 162, 164, 165, 166, 167, 168, 171, 221, 230A, 240, 250, 262, 265, 268, 271; PHYSICAL EDUCATION 2, 3, 4, 5abc, 6abc, 7abc, 10, 15abc, 16abc, 18, 20abc, 21abc, 25abc, 26abc, 35abc, 36abc, 45abc, 46abc, 47, 54, 57abc, 58abc, 60abc, 61abc, 65abc, 66abc, 70abc, 71abc, 74, 75abc, 76abc, 80abc, 81abc, 85ab, 86abc, 87abc, 101, 102, 105abc, 106abc, 110abc, 111abc, 115abc, 116abc, 120abc, 121abc, 125ab, 126abc, 130abc, 131abc, 132abc, 133abc, 135abcd, 204, 208, 221, 224, 233abc, 239, 240, 241, 244, 245, 249, 250, 251, 253, 254, 255, 257, 275, 282, 285, 400, 401, 402, 404, 407, 409

(Students may be exempt by one of the following: 1) pass the Contemporary Health waiver exam; or 2) approval by petition for military service credit or 3) completion of Nursing 151 and 155). \*Students who enrolled at El Camino College prior to Fall 2006 and maintained continuous attendance may take Contemporary Health 1 or 4, or three PE activity units, or any additional course from Area 2, Social and Behavioral Sciences to meet this requirement

# SAMPLE CURRICULUM FOR RADIOLOGIC TECHNOLOGY DEGREE AND CERTIFICATE PROGRAM

<b>YEAR 1</b>	<b>Units</b>	<b>YEAR 2</b>	<b>Units</b>
<b><u>Semester I</u></b>		<b><u>Semester IV</u></b>	
<b><u>Radiologic Technology 106 (12-15 hours arranged)</u></b>	4	<b><u>Radiologic Technology 217(24 hours arranged)</u></b>	7
Clinical Experience 1		Clinical Experience 4	
<b><u>Radiologic Technology 111</u></b>	4	<b><u>Radiologic Technology 233</u></b>	3
Fundamentals of Radiologic Technology		Radiographic Positioning 2	
<b><u>Radiologic Technology 123</u></b>	4	<b><u>Radiologic Technology 244</u></b>	4
Radiographic Positioning 1A		Radiation Physics, Equipment, and Safety	
<b>Total Units</b>	12	<b>Total Units</b>	9
<b><u>Semester II</u></b>	<b><u>Units</u></b>	<b><u>Semester V</u></b>	<b><u>Units</u></b>
<b><u>Radiologic Technology 107(24 hours arranged)</u></b>	7	<b><u>Radiologic Technology 218(24 hours arranged)</u></b>	7
Clinical Experience 2		Clinical Experience 5	
<b><u>Radiologic Technology 124</u></b>	4	<b><u>Radiologic Technology 255</u></b>	4
Radiographic Positioning 1B		Advanced Imaging and Special Procedures	
<b>Total Units</b>	11	<b><u>Radiologic Technology 91</u></b>	1
		Radiographic Pathology	
<b><u>Semester III</u></b>	<b><u>Units</u></b>	<b><u>Radiologic Technology 93</u></b>	1
<b><u>Radiologic Technology 109 (35 hours arranged)</u></b>	5	Venipuncture and Pharmacology for the Radiologic Technologist	
Clinical Experience 3		<b>Total Units</b>	13
<b>Total Units</b>	5	<b><u>Semester VI</u></b>	<b><u>Units</u></b>
		<b><u>Radiologic Technology 220 (40.5 hours arranged)</u></b>	6
		Clinical Experience 6	
		<b>Total Units</b>	6
		<b>POST SESSION</b>	
		<b><u>Semester VII</u></b>	<b><u>Units</u></b>
		<b><u>Radiologic Technology 328 (24 clinical and 3 hours per week on campus arranged)</u></b>	4.5
		Clinical Experience 7	
		<b>Total Units</b>	4.5

The Radiologic Technology Program is a demanding, rigorous program that requires advanced academic preparation, personal commitment, and a considerable amount of time in study and preparation outside of class.

**INFORMATION IS SUBJECT TO  
CHANGE WITHOUT NOTICE**