



El Camino Community College

Division of Health Sciences and Athletics

Radiologic Technology Program

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 SPRING semester. The program consists of four regular semesters (Spring and Fall), two eight week Summer sessions, and one Spring 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 Fall semester for Spring 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 winter prior to start the program in the Spring.

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

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
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

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

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



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

Students must have a GPA of 2.25 or better in all prerequisite and general education courses

Program Prerequisites must be completed at time of application.

- Radiologic Technology A
- Anatomy 32 or Anatomy & Physiology 34A*
- Physiology 31* or Anatomy & Physiology 34B*
- Computer Information Systems 13
- English 1A
- Medical Terminology 1
- Psychology 101

General Education Requirements Must be completed at time of application

- Humanities course (see section 3 in box below)
- Health and Physical Education course (see section 5 in box below)
- Mathematics competency (see section in box below)**

Strongly Recommended Courses (additional points on application if B or better grade earned)

- Anatomy 30
- First Aid 1
- Fire and Emergency Technology 144
- Communication Studies 100, 120, 130 or 140
- Physical Education 201

*Chemistry 4, 20, or 21A required as a prerequisite

If you have questions about equivalencies or would like to meet with a counselor, Health and Community Wellness counseling appointments are available at

<https://www.elcamino.edu/support/counseling/appointments.aspx>

3. Humanities: (Minimum 3 semester units)

Architecture 104, 107, 108; **Art** 150 (same as Photography 150), **Art History** 101, 102A, 102AH, 102B, 102C, 106, 109, 205A, 205B, 207, 208, 208H, 209; **Chinese** 24; **Communication Studies** 250 (formerly 8); **Dance** 101, 103; **English** 1B, 1BH, 12, 15A, 15B, 18, 20, 21, 23A, 23B, 24B, 27, 28, 30, 31, 34, 35, 36, 39, 40A, 40B, 41B, 42, 43, 44, 46, 48, 90; **Fashion** 31; **Film** 105, 110, 113, 114, 153, 154; **Foreign Language** (Chinese, French, German, Italian, Japanese, Spanish and Honors) course 1-6; **Humanities** 1; **Italian** 24; **Japanese** 25; **Music** 101, 111, 112, 112H, 113, 116, 117, 215A, 215B; **Philosophy** 101, 101H, 103, 107, 111, 112, 113, 114, 115, 117 (same as Political Science 7), 120; **Photography** 150 (same as Art 150); **Political Science** 7 (same as Philosophy 117); **Sign Language/Interpreter Training** 111, 112, 113, 114, 115, 130, 131; **Spanish** 52a, 52b; **Theatre** 103, 104, 113

5. Health and Physical Education: (Minimum 3 semester units)

Contemporary Health 1, 5; **Human Development** 110, 115; **Nutrition** 110 (formerly 11); **PE** 212, 260, 273, 275, 280; **Psychology** 102 (formerly 2), 116 (formerly 16);

Dance 110, 120A, 120B, 130A, 130B, 140, 161, 162, 163, 165, 167, 168, 171A, 220A, 221, 230A, 240, 250, 261, 262, 265, 268, 271A;

Physical Education 2A, 2B, 3, 4A, 4B, 5abc, 6abc, 7, 10A, 15abc, 16abc, 18A, 20abc, 21abc, 35abc, 36abc, 45abc, 46abc, 54A, 54B, 54C, 57abc, 58abc, 60abc, 61abc, 65abc, 66abc, 70abc, 71abc, 74A, 75abc, 76abc, 80abc, 81abc, 85abc, 86abc, 87abc, 105abc, 106abc, 110abc, 111abc, 115abc, 116abc, 120abc, 121abc, 132abc, 133abc, 135abc, 140abc, 204, 208, 221, 224, 233A, 234ab, 240A, 240B, 240C, 245, 249, 250, 251A, 251B, 253, 254, 255, 257, 258, 259, 266, 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).

****Mathematics Competency:** Pass the Mathematics Competency Test equivalent to intermediate algebra (Math 73 or 80) or complete one of the following options:

Option 1: Course must be completed with a C grade or better

Communication Studies 180; **Math** (73, 80), 110, 111, 115, 116, 120, 130, 140, 150, 150H, 165, 170, 180, 190, 191, 210, 220, 270; **Psychology** 109A; **Sociology** 109A; Any Course listed in Area B4 on the CSU GE pattern not listed above: **Business** 115♦ (formerly 15♦ (effective fall 2018 or later), 117♦ (formerly 17♦ (effective fall 2018 or later); **Communication Studies** 180; **Computer Science** 7, 8

Option 2: High School Algebra II with grade of C or better: Upload high school transcript to the graduation petition

SAMPLE CURRICULUM FOR RADIOLOGIC TECHNOLOGY DEGREE AND CERTIFICATE PROGRAM

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