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 <u>diagnostic medical radiography program</u> 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 <u>Associate in Science (A.S.) Degree</u> 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 (Fall and Spring), 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 <u>fully accredited</u>, 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).

<u>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.</u>

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 <u>*may*</u> 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. 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 QUESTONS 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**

Requirements	Completed Date
1. Follow the steps to enrollment for El Camino College. https://www.elcamino.edu/admissions/steps/	
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. Recommended for you to meet with a Health Science Counselor. Make an appointment online https://www.elcamino.edu/student/studentservices/counseling/	
4. Take required courses as specified on your educational plan. See requirements below.	
PROGRAM PREREQUISITE COURSES A minimum of a 2.25 GPA is required in all prerequisite coursework. You may repeat any 3 of the below courses for a better grade – but you may only repeat the course 1 time Radiologic Technology A (must be taken at El Camino College) Anatomy 32 or Anatomy and Physiology 34A*$(requires pre/co-requisite) Physiology 31**(requires prerequisite) or Anatomy and Physiology 34B$ English 1A (must be minimum 3 semester or 4 quarter units) Psychology 101 Computer Information Systems 13 Math 73 or 80 or higher math course or pass the mathematics competency test Medical Terminology 1 Humanities course (see section 3 in box below) Health and Physical Education course (see section 5 in box below)	
* 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	
5. RECOMMENDED COURSES (additional points are awarded at the time of admission if the following courses are completed with an A or B grade) Communication Studies 100, 120, 130 or 140 First Aid 1 Fire Tech 144 Physical Education 201 Anatomy 30 ESL 51B or 51C	
6. Complete the online application during the filing period each fall semester. A counselor will review your application for approval to move forward in the process. All prerequisite and general education requirements must be completed before filing an application, in-progress coursework is not accepted for fall 2021 for the spring 2022 program. Next fall 2022 for the spring 2023 program, in-progress coursework will be accepted.	

HUMANITIES: (Minimum 3 semester units)
ARCHITECTURE 104; **AHIS** 101, 102A, 102B, 102C, 106, 150 (same as PHOTOGRAPHY 150), 205A,205B, 207, 208, 209; **CHINESE** 24; **COMMUNICATION STUDIES** 250; **DANCE** 101, 103; **ENGLISH** 1B, 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** 110, 113, 153,154; **FOREIGN LANGUAGE** (CHINESE, FRENCH, GERMAN, ITALIAN, JAPANESE, SPANISH) course 1-6; **FRENCH** 24; **HUMANITIES** 1; **ITALIAN** 24; **JAPANESE** 25; **MUS IC** 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** 102, 116,1 22; **NUTRITION** 110
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, 125abc, 126abc, 130abc, 131abc, 132abc, 133abc, 135abcd, 204, 208, 221, 224, 233abc, 239, 240, 241, 244, 245, 249, 250, 251, 253, 254 257, 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 <u>Nursing 151 and 155</u>). *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

DEGREE AND CERTIFICATE PROGRAM

YEAR 1

Semester I

	Units
Radiologic Technology 106 (12-15 hours arranged)	4
Clinical Experience 1	
Radiologic Technology 111	4
Fundamentals of Radiologic Technology	
Radiologic Technology 123	4
Radiographic Positioning 1A	
Total Units	12

Semester II

	Units
Radiologic Technology 107(24 hours arranged)	7
Clinical Experience 2	
Radiologic Technology 124	4
Radiographic Positioning 1B	
Total Units	11

Semester III

	Units
Radiologic Technology 109 (35 hours arranged)	5
Clinical Experience 3	
Total Units	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

YEAR 2

Semester IV

	Units
Radiologic Technology 217(24 hours arranged)	7
Clinical Experience 4	
Radiologic Technology 233	3
Radiographic Positioning 2	
Radiologic Technology 244	4
Radiation Physics, Equipment, and Safety	
Total Units	9

Semester V

	Units
Radiologic Technology 218(24 hours arranged)	7
Clinical Experience 5	
Radiologic Technology 255	4
Advanced Imaging and Special Procedures	
Radiologic Technology 91	1
Radiographic Pathology	
Radiologic Technology 93	1
Venipuncture and Pharmacology for the Radiologic Technologist	
Total Units	13

Semester VI

	Units
Radiologic Technology 220 (40.5 hours arranged)	6
Clinical Experience 6	
Total Units	6

POST SESSION

Semester VII

	Units
Radiologic Technology 328 (24 clinical and 3 hours per week on campus arranged)	4.5
Clinical Experience 7	
Total Units	4.5