



# EL CAMINO COLLEGE

Spring 2026  
CATALOG ADDENDUM #2



**El Camino Community College District  
A Public Community College**

Serving: El Segundo, Hawthorne, Hermosa Beach, Inglewood,  
Lawndale, Lennox, Manhattan Beach, Redondo Beach, and Torrance

**Address**

El Camino College • 16007 Crenshaw Boulevard, Torrance, CA 90506-0001

**Telephone Numbers**

1-866-ELCAMINO or 310-532-3670  
Admissions: 310-538-5700  
Telecommunications for the Deaf: (TDD) 310-660-3445

**Website**

[www.elcamino.edu](http://www.elcamino.edu)

---

## Table of Contents

Summary of Changes.....	3
Courses.....	4
Programs of Study.....	5

## Summary of Changes

<u>Course/Program</u>	<u>Edit</u>
ECHT 142	moved prerequisite (ECHT 140) to recommended preparation
ECHT 144	moved prerequisite (ECHT 140) to recommended preparation
PE 64	new course
Actuarial Science, AS	revised course requirements (replaced MATH 150/150H with STAT C1000/C1000H; COMS 180 now optional) and reduced total units to 43
Nursing, AS	revised program prerequisites (replaced ENGL 1A/1AH with ENGL C1000/C1000H, MATH 150/150H with STAT C1000/C1000H) and course requirements (replaced COMS 100 with COMM C1000/C1000H, ENGL 1C/1CH with ENGL C1001/C1001H, PSYC 101/101H with PSYC C1000/C1000H)
Radiologic Technology, AS	revised program prerequisites (replaced ENGL 1A with ENGL C1000, PSYC 101 with PSYC C1000)
Respiratory Care Certificate of Achievement	revised program description (replaced ENGL 1A with ENGL C1000)
Respiratory Care, AS	revised program description (replaced ENGL 1A with ENGL C1000) and program prerequisites (replaced ENGL 1A with ENGL C1000, PSYC 101 with PSYC C1000)

## Courses

### **ECHT 142 - CompTIA Server+ Computer Hardware Systems II**

3 units

2 hours lecture, 4 hours lab

Recommended Preparation: ECHT 140 with a minimum grade of C

Credit, degree applicable

Transfer CSU

This course provides a comprehensive study of advanced computer hardware systems and associated technologies. Topics will include an in-depth analysis of microprocessor-based architectures and their related computer hardware system components and peripheral devices. Installation and configuration of the system hardware, advanced hardware and software integration skills, including conflict resolution, troubleshooting and optimization strategies will be taught. Note: Letter grade or pass/no pass option.

### **ECHT 144 - CompTIA A+ Computer Hardware Systems**

3 units

2 hours lecture, 4 hours lab

Recommended Preparation: ECHT 140 with a minimum grade of C

Credit, degree applicable

Transfer CSU

This course is designed for the student pursuing a career as a

computer service technician. Students will develop the skills and knowledge required for passing the CompTIA A+ Certification exam. Topics covered include safety, basics of electricity and electronics, microcomputer hardware and components, Complementary Metal Oxide Semiconductor (CMOS) settings, operating systems, printers, portable systems, smartphones and networking hardware. Note: Letter grade or pass/no pass option.

### **PE 64 - Flag Football**

1 unit

3 hours lab

Credit, degree applicable

Transfer CSU

This course introduces the fundamentals of flag football, emphasizing skill development, teamwork, and game strategy in a recreational environment. Students learn essential flag football skills through instruction and practice, including throwing, catching, running routes, flag pulling, kicking, and punting. The curriculum covers basic offensive and defensive strategies, rules of the game, proper etiquette, and sportsmanship. Students will participate in drills, exercises, and game play to improve individual skills, foster teamwork, and enhance cardiovascular conditioning and overall athletic coordination.

## Programs of Study

### Actuarial Science, AS

The degree provides students with sufficient depth and support transfer plans in actuarial science for the baccalaureate degree. The core of this interdivisional major is a combination of sequences in calculus, accounting, and economics. Student will acquire a conceptual understanding of the principles of differential and integral calculus for functions of several variables, financial and managerial accounting, as well as economics theory. Additionally, student gains skills in the mining, dissemination, and presentation of data through coursework in computer science, communications, and statistics.

Competency will be assessed through projects and examinations that evaluate the student's ability to solve a wide range of problems experienced in the actuarial field.

Required Courses:

MATH 190 - Single Variable Calculus and Analytic Geometry I 5 units  
 MATH 191 - Single Variable Calculus and Analytic Geometry II 5 units  
 BUS 150 - Financial Accounting 4 units  
 ECON 101 - Principles of Economics: Macroeconomics 3 units  
 MATH 220 - Multi-Variable Calculus 5 units

CSCI 1 - Problem Solving and Program Design Using C++ 4 units  
 or  
 CSCI 14 - Introduction to Programming with Python 4 units

BUS 151 - Managerial Accounting 4 units  
 ECON 102 - Principles of Economics: Microeconomics Theory 3 units  
 MATH 270 - Differential Equations with Linear Algebra 5 units  
 HDEV 107 - Navigating the Transfer Process 1 unit

COMS 180 - Data-Driven Persuasion 4 units  
 or  
 STAT C1000 - Introduction to Statistics 4 units  
 or  
 STAT C1000H - Introduction to Statistics - Honors 4 units  
**Total Units: 43**

### Nursing, AS

The degree provides the student with the skills to utilize the nursing process and assess unique patient needs across the lifespan using a concept-based approach to learning. Degree competence will be assessed regularly by evaluation of expected learning outcomes in the clinical setting as well as course examinations. Emphasis is placed on the use of critical thinking and creative problem-solving in the clinical setting. The nursing major prepares graduates in a variety of health care settings as entry-level registered nurses. Upon successful completion of the nursing program, the graduate is eligible to take the NCLEX-RN® (National Council Licensure Examination for Registered Nurses). Program assessment is conducted by monitoring student success rates on the NCLEX-RN® exam.

**Nursing Philosophy:** The Associate Degree Nursing Program supports the mission of El Camino College. The program offers quality, comprehensive educational opportunities and services to its diverse community, specifically those individuals aspiring to obtain the knowledge, skills, and attitudes required of a Registered Nurse.

**Program Length and Licensing Requirements:**

The program is two academic years in length after completion of program prerequisites. Acceptance of qualified applicants to the program does not guarantee graduation from the program/college. Students must achieve a statistically determined passing score on the comprehensive predicator examination upon completion of the program prior to taking the NCLEX-RN®. Graduates must pass the NCLEX-RN® in order to become licensed and practice registered nursing in the state of California.

**Credit for Military Service:** The Nursing Program will comply with the requirements of California Senate Bill 466. Procedures for the military challenge for advanced placement into the Nursing Program is published on the Nursing Program website

Students may review Administrative Procedure 4236 Credit for Military Service on the El Camino College website [www.elcamino.edu/administration/board/policies.asp](http://www.elcamino.edu/administration/board/policies.asp).

**Nursing Degree Options:**

**Generic -** Students who are not licensed as vocational nurses/psychiatric technicians and are not transferring from another accredited nursing program are considered generic students.

**Advanced Standing/Upward Mobility -** Prospective students who have had prior education in nursing or other health-related areas may request consideration for entry into the nursing program with advanced placement. Applicants would include Licensed Vocational/Practical Nurses, Licensed Psychiatric Technicians, and transfer students from accredited nursing programs. Advanced standing applicants are admitted to the program on a space available basis. Upon request, transfer students' transcripts will be individually evaluated for granting credit. Transfer students may be offered advanced standing. Licensed vocational nurses may enter the upward mobility option or 30-unit option (see below).

**Program Prerequisites for the Associate Degree Nursing Program (All Students)**

**Science Courses:**

Complete the following courses with a minimum 2.5 GPA. All science courses must have been completed within seven years prior to the date of nursing program application.

ANAT 32 and PHYO 31; or APHY 34A and APHY 34B  
 MICR 33  
 Nonscience Courses:

ENGL C1000 or ENGL C1000H  
 STAT C1000 or STAT C1000H  
 MEDT 1

**Additional Prerequisites:**

Cumulative GPA of 2.5 in all college courses.

Complete the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at ECC and complete the required remediation are required to retest at ECC.

NURS 143 and NURS 144 and NURS 146  
 PSYC 116

All general education courses and nursing courses must be completed with a minimum grade of C. Please contact a nursing counselor to determine course equivalencies.

**Additional Prerequisites for Upward Mobility (LVN to RN Option):**

Possession of a current California Vocational Nurse/ Practical Nurse license and employment as a LVN/LPN in a sub-acute or acute care setting within the last 3 years.

Complete the Readiness Assessment Test - ATI Test of Essential Academic Skills (ATI TEAS) with the state recommended passing score. If a prospective student receives a score below the state recommended score, the student will be required to complete remediation and then retake the ATI TEAS. Students will only have two opportunities to take and successfully pass the TEAS exam. Students who take the TEAS at ECC and complete the required remediation are required to retest at ECC.

Documentation demonstrating completion of a LVN program.

NURS 144 and NURS 146

**Application Filing Period:** The El Camino College Nursing Program accepts applications twice a year beginning the third week of the fall and spring semester. Each application period will last for three weeks.

The state of California requires all Registered Nurses (RNs) to have a valid Social Security or Tax Identification Number. Students seeking admission into the nursing program must provide proof of a valid social security or tax identification number to the nursing counselor prior to receiving a verification of eligibility documentation for admission

consideration into the nursing program.

#### Application Review

Generic Students - All complete applications will be reviewed and ranked according to Criteria 1-3 of the Multicriteria Enrollment Criteria. Students at the top of the ranking who have not taken the Assessment Technology Inc. (ATI) TEAS will be invited to take the test. Following completion of the ATI TEAS, student points will be recalculated including all five criteria. Selected students will then be notified via ECC email that they have been conditionally accepted into the nursing program. Upon receipt of an offer, applicants should accept or decline the offer and complete any further conditions of enrollment as stated in the email. Acceptance or refusal of the offer must be received in writing in the nursing office by the date specified in the email. Failure to reply by the specified date will result in the removal of the applicant's name from the applicant pool. Upon receipt of the applicant's signed acceptance letter and attendance at a mandatory orientation, the offeree confers from conditional place to a confirmed place. Any applicant who accepts a place and attends an orientation but does not attend the first day of class will be dropped from the program and will not be eligible to reapply. Students who are not admitted to the program may reapply during the next application period. For more information, visit our website at [www.elcamino.edu/nursing](http://www.elcamino.edu/nursing).

Upward Mobility (LVN to RN) - All complete applications will be reviewed and ranked according to the cumulative GPA. Students at the top of the ranking who have not taken the ATI TEAS will be invited to take the test. Following completion of the ATI TEAS, student will be re-ranked according to the score achieved. Student selected will be notified via their ECC email address that they have been conditionally accepted into the nursing program. Upon receipt of a conditional offer, applicants should print out the attached documents and choose one of the following options: 1) accept the offer or decline the offer. Acceptance or refusal of the conditional offer must be received in writing in the nursing office by the date specified in the email. Failure to reply by specified date will result in the removal of the applicant's name from the application pool. Upon receipt of the applicant's signed acceptance letter and attendance at a mandatory orientation, the offer converts from a conditional place to a confirmed place. Any applicant who accepts placement and attends the orientation but does not attend the first day of class will be dropped from the program and will not be eligible to reapply.

Transfer Students - Credit for nursing courses completed at another college will be evaluated on an individual basis by the Director of Nursing or the Director's designee. Credit can be achieved through the petition process as well. Students interested in applying for admission consideration to the El Camino College associate degree nursing program as a transfer student will not be accepted beyond the second semester.

Waitlist: There will be no waitlist. Students who are not admitted to the program may reapply during the next application period. Students who are not offered admission are encouraged to meet with a nursing counselor.

#### Program Costs

Nursing Program: In addition to registration fees, the costs for books, shoes, physical exam, CPR certification, name badges, patches, uniforms, stethoscope, and additional skills lab supplies are approximately \$1,000 for the first year.

#### Major Requirements Generic Program

All general education courses and nursing courses must be completed with a minimum grade of C before the student may enroll in the next course. Please contact a nursing counselor to determine course equivalencies.

#### Required Core:

NURS 220 - Nursing Fundamentals 3.5 units  
 NURS 222 - Medical Surgical Nursing - Older Adult 4 units  
 NURS 224 - Nursing Pharmacology 3 units  
 NURS 226 - Nursing Skills Practicum I 0.5 unit  
 NURS 230 - Mental Health Nursing 3.5 units  
 NURS 232 - Obstetrical Patients and the Newborn 2.5 units  
 NURS 234 - Pediatric Nursing 2.5 units  
 NURS 238 - Nursing Skills Practicum II .5 unit  
 NURS 240 - Intermediate Medical-Surgical Nursing I 4 units

NURS 242 - Intermediate Medical-Surgical Nursing II 4.5 units  
 NURS 244 - Nursing Skills Practicum III .5 units  
 NURS 247 - Advanced Medical-Surgical Nursing I 5 units  
 NURS 248 - Advanced Medical-Surgical Nursing II Preceptorship 2 units

COMM C1000 - Introduction to Public Speaking 3 units \*  
 or  
 COMM C1000H - Introduction to Public Speaking - Honors 3 units \*

ENGL C1001 - Critical Thinking and Writing 4 units  
 or  
 ENGL C1001H - Critical Thinking and Writing - Honors 4 units

PSYC C1000 - Introduction to Psychology 3 units  
 or  
 PSYC C1000H - Introduction to Psychology - Honors 3 units

SOCI 101 - Introduction to Sociology 3 units  
 or  
 SOCI 101H - Honors Introduction to Sociology 3 units  
 or  
 ANTH 2 - Introduction to Cultural Anthropology 3 units

Humanities: Any 3 unit course from Area 3 of the Associate of Arts and Associate of Science Degree

Total Units: 51

\*Note: any 3 unit course from COMS 120, COMS 130, COMS 140 may be substituted for COMM C1000/COMM C1000H.

Nursing: Upward Mobility (LVN to RN Option)

All general education courses and nursing courses must be completed with a minimum grade of C. Please contact a nursing counselor to determine course equivalencies.

#### Required Core:

NURS 149 - Advanced Placement in Nursing 2.5 units  
 NURS 230 - Mental Health Nursing 3.5 units  
 NURS 232 - Obstetrical Patients and the Newborn 2.5 units  
 NURS 234 - Pediatric Nursing 2.5 units  
 NURS 238 - Nursing Skills Practicum II .5 unit  
 NURS 242 - Intermediate Medical-Surgical Nursing II 4.5 units  
 NURS 244 - Nursing Skills Practicum III .5 units  
 NURS 247 - Advanced Medical-Surgical Nursing I 5 units  
 NURS 248 - Advanced Medical-Surgical Nursing II Preceptorship 2 units

COMM C1000 - Introduction to Public Speaking 3 units \*  
 or  
 COMM C1000H - Introduction to Public Speaking - Honors 3 units \*

ENGL C1001 - Critical Thinking and Writing 4 units  
 or  
 ENGL C1001H - Critical Thinking and Writing - Honors 4 units

PSYC C1000 - Introduction to Psychology 3 units  
 or  
 PSYC C1000H - Introduction to Psychology - Honors 3 units

SOCI 101 - Introduction to Sociology 3 units  
 or  
 SOCI 101H - Honors Introduction to Sociology 3 units  
 or  
 ANTH 2 - Introduction to Cultural Anthropology 3 units

Humanities: Any 3 unit course from Area 3 of the Associate of Science Degree

**Total Units: 38.5**

\*Note: any 3-unit course from COMS 120, COMS 130, COMS 140 may be substituted for COMM C1000/COMM C1000H.

#### 30 Unit Non-Degree Track

The Licensed Vocational Nurse may establish eligibility to take the state licensing examination to become a Registered Nurse in California only by completing a sequence of courses. The Associate Degree is not awarded upon completion of this program and the nurse will always be

considered a non-graduate. Applicants are admitted as space is available. For more information, please contact the nursing department.

#### General Program Information

**Board of Registered Nursing (BRN) Requirements:** The BRN has approved a set curriculum at ECC which includes, in addition to nursing courses, sociology, psychology and a course in communication and analytical thinking. Please see document entitled: Sample Curriculum for Associate Degree Nursing Program. These additional courses are not required for entry into the nursing program but must be completed prior to graduation. Students are strongly encouraged to complete these classes prior to entry into the nursing program.

#### El Camino College Associate in Science Degree:

In addition to the nursing department and Board of Registered Nursing course requirements, students must meet the El Camino College A.S. degree general education requirements outlined in the college catalog. Please consult with a nursing counselor if you have questions. The Associate Degree Nursing 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. Mandatory general information sessions are available each semester to assist prospective applicants so they may learn more about careers in nursing, the El Camino College nursing program and its requirements, and how to formulate an educational plan to become a qualified applicant. Nursing courses must be taken in sequence. Clinical facilities require background checks which require a valid social security number.

**Required Program GPA:** Nursing students must maintain a minimum overall GPA of 2.0 to continue in the nursing program, graduate and receive an Associate in Science degree.

After a student is admitted into the nursing program, a full-time load is considered 10 units per semester. Students are expected to complete their nursing courses at El Camino College. Credit may be granted for course work completed at an accredited nursing program.

#### Program Readmission and Course Repetition:

Students who leave the nursing program are eligible to be readmitted to the program subject to space availability. Students will only be eligible to repeat one single nursing course, in which a D or F grade was achieved. Policies related to progression and re-entry to the nursing program are available for review in the Nursing Office and are published in the Nursing Student Handbook. Student academic standing at the time of leaving the program will determine whether academic support courses will be prescribed for completion before re-entry to the nursing program. Students not eligible to re-enter the program may individually appeal their re-entry status through the Acceptance, Transfer and Progression Committee.

#### Re-Entry Policy:

Students must apply for re-admission into the nursing program within one (1) year of the exit date. The student who is absent from the program in excess of one year will be considered "inactive" and placed on "inactive status" in the nursing program. To return to an "active status" the student must successfully complete competency review of content/skills from the last successfully completed course. The competency review will be given in the skills lab. If the student fails the skills competency review he or she may elect to repeat the last course passed (if applicable). A clinical evaluation for students returning or transferring into a medical surgical course may also be required and will be administered by a faculty member assigned to the supervised practice lab.

Students who have exited from the nursing program for more than 2 years will be required to repeat a previous course in which a "C" or better grade was earned. The Director of Nursing or the Director's designee will be responsible for determining whether the student will be required to repeat a nursing course. A clinical evaluation for students returning or transferring into a medical surgical course may also be required and will be administered by a faculty member assigned to the supervised practice lab. Re-entry to the nursing program is on a space-available basis.

#### California State Licensure:

**Special Note Regarding Licensure:** All graduates of the Nursing Program are eligible to take the National Licensing Examination

(NCLEX-RNR) and must pass the exam to practice in California. The NCLEX-RNR is developed by the National Council of State Boards of Nursing and is administered by computer nationally throughout the year. The California Board of Registered Nursing (BRN) requires that all students applying for the NCLEX be fingerprinted and submit a fingerprint card with the licensing examination application. The BRN protects the public by screening applicants for licensure in order to identify potentially unsafe practitioners. The BRN may deny applications for permanent licensure, interim permits and temporary licenses if the applicant has been found guilty of dishonesty; fraud or deceit; felony; child abuse; sex offender crimes; acts involving narcotics, dangerous drugs or devices; assault and/or battery; and other crimes. Applicants who have questions regarding limitations related to licensure should contact the California Board of Registered Nursing (916) 322-3350 or access its website at [www.m.ca.gov](http://www.m.ca.gov). It is the responsibility of the applicant to present sufficient evidence of rehabilitation. Applicants are advised to explore other career opportunities prior to investing substantial time in a nursing program if it appears that a prior serious act or conviction may jeopardize licensure.

**Bachelor of Science in Nursing:** Students intending to pursue a Bachelor of Science degree in Nursing should consult a nursing counselor.

#### Radiologic Technology, AS

The radiologic technology (medical x-ray) program is a competency-based health science specialty. The program provides a specialized educational experience, which assesses progress through clinical application evaluations and academic course work. Successful completion of the program (degree and certificate) prepares students for employment as skilled medical imaging practitioners and makes them eligible for state and national certification examinations. Program assessment is conducted by monitoring student success rates on the State and National Certification Examinations.

#### General Information

Radiologic Technology courses must be completed with a minimum grade of C before the student may enroll in the next course. For the most up-to-date information about the Radiologic Technology program, please visit the Radiologic Technology website at [www.elcamino.edu/academics/healthsciences/radiologictech](http://www.elcamino.edu/academics/healthsciences/radiologictech).

#### Program Length and Licensing Requirements

The Associate Degree Radiologic Technologist Program is twenty-six months in length, after the completion of the program prerequisite classes. The twenty-six months include the academic semesters and clinical internship (taken concurrently). Satisfactory completion of the prescribed course of study qualifies graduates to take both State and National Certification Examinations. The Radiologic Technology Program is accredited by the California State Department of Public Health Services - Radiologic Health Branch (CDPH-RHB), and the Joint Review Committee on Education in Radiologic Technology (JRCERT).

#### Program Prerequisites

Complete the following courses with a grade point average of 2.25 or better: Anatomy 32 or Anatomy and Physiology 34A, Computer Information Systems 13, English C1000, Health and Physical Education (ECC AS GE pattern area 5), Humanities (ECC AS GE pattern area 3), Mathematics (ECC AS GE pattern area 6), Medical Terminology 1, Physiology 31 or Anatomy and Physiology 34B, Psychology C1000, Radiologic Technology A.

#### Acceptance into Radiologic Technology Program

New students are admitted to the program once per year, in the spring semester. Acceptance at El Camino College does not guarantee entrance into the Radiologic Technology Program. Prior to filing an application, transcripts of all academic work completed must be filed in the Office of Admissions and Records.

The application filing period is once a year, during the fall semester. Additional information about the application process and the application packet is available for download on the Radiologic Technology website. [www.elcamino.edu/academics/healthsciences/radiologictech](http://www.elcamino.edu/academics/healthsciences/radiologictech).

#### Prior to Starting the Program

Students will be required to attend one mandatory orientation sessions during the winter session, before beginning the program in the fall

spring semester. Provisionally accepted students will be required to undergo a complete physical examination, including a TB test, blood work and show proof of updated vaccines to include the flu and covid booster if required by the clinical sites. Students must submit a current American Heart Assoc. (AHA) CPR for BLS provider card, a criminal background check and drug screening clearance as required by the Clinical Affiliation Agreements and the Joint Commission on Accreditation of Health Care Organizations (JCAHO) prior to a guaranteed acceptance to the program, and placement at a clinical education training facility. The student is responsible for the cost of these requirements. All students are required to show proof of medical insurance coverage.

#### Program Costs

Cost of books, uniforms and miscellaneous supplies, background and health and other costs must be borne by the student and is estimated at approximately \$1,500 for the first year, and approximately \$500 the second year of the program. There is a background check and drug screening required the second year at approximately \$200. Any additional drug screening tests required will be paid by the student.

#### Licensure

Students who complete all Radiologic Technology Associate in Science degree and Certificate of Accomplishment requirements are eligible to take the licensing examination administered by the American Registry of Radiologic Technologists (ARRT) to become a registered Radiologic Technologist (R.T.). Upon completion of the ARRT exam, students are eligible to apply for the State of California, Department of Health Public Services, Radiation Health Branch, Certified Radiologic Technologist (C.R.T.) licensure and the Fluoroscopy examination and licensure (C.R.T.), (R.F.).

#### Program Readmission and Course Repetition

Students who leave the Radiologic Technology program for any reason that does not conflict with the ARRT Standards of Ethics (self or faculty initiated) are eligible to be readmitted to the program subject to availability of space. Students will be required to re-apply to the program unless the leave of absence request for personal reasons is less than 6 months. Radiologic Technology courses in which a student has received a D or F grade may be repeated one time and the student may only re-enter the program one time. The JRCERT requires that all students complete the program within three years of their original admission date. This policy is available for review in the Program Director's Office and is published in the Student Handbook Student academic standing at the time of leaving the program will determine whether academic support courses will be prescribed before re-entry. Students must comply with all conditions of acceptance for re-entry, including submission of a self-evaluation and filing a new application before the student may return. The application points will also be considered when ranking the returning students. The student may be asked to repeat courses previously passed within the program for successful continuance in the program.

#### Advanced Standing

The student with prior training or experience may petition for credit by examination for RTEC 111 and RTEC 123.

Prospective students who have had prior education in an accredited Radiologic Technology program may request consideration for entry into the Radiologic Technology Program with advanced placement if space permits. Foreign graduates must have their transcripts evaluated and meet with a college counselor for matriculation prior to meeting with the Program Director regarding the application process.

#### Special Note Regarding American Registry of Radiologic Technologists (ARRT) Certification

Students must comply with the "Rules of Ethics" contained in the American Registry of Radiologic Technologists (ARRT) Standards of Ethics. The "Rules of Ethics" are minimally acceptable standards of professional conduct for all Registered Technologists and Applicants. The "Rules of Ethics" are intended to promote protection, safety and comfort of patients. Registered Technologists and applicants engaging in any of the conduct or activities noted in the "Rules of Ethics" or in the conviction of a crime, including a felony, gross misdemeanor or a misdemeanor with sole exception of speeding and parking violations, all alcohol and drug related violations are subject to sanctions and must be reported. Applicants who have questions regarding limitations related to licensure should contact the ARRT directly.

#### Required Courses:

RTEC 91 - Radiographic Pathology 2 units  
 RTEC 93 - Venipuncture and Pharmacology for the Radiologic Technologist 1 unit  
 RTEC 104 - Clinical Education 1 1.5 units  
 RTEC 106 - Clinical Experience 1 4 units  
 RTEC 107 - Clinical Experience 2 7 units  
 RTEC 109 - Clinical Experience 3 2.5 units  
 RTEC 111 - Fundamentals of Radiologic Technology 4 units  
 RTEC 123 - Radiographic Positioning 1A 4 units  
 RTEC 124 - Radiographic Positioning 1B 4 units  
 RTEC 217 - Clinical Experience 4 7 units  
 RTEC 218 - Clinical Experience 5 7 units  
 RTEC 220 - Clinical Experience 6 3 units  
 RTEC 233 - Radiographic Positioning 2 3 units  
 RTEC 244 - Radiation Physics, Equipment, and Safety 4 units  
 RTEC 255 - Advanced Imaging and Special Procedures 4 units  
 Total Units for Major: 58  
 Post ECC Graduation Courses (required):  
 RTEC 216 - Clinical Education 2 2 units  
 RTEC 328 - Clinical Experience 7 4.5 units

#### Program Total Units: 64.5

Note: RTEC 216 and RTEC 328 are completed after ECC Graduation, but are a required course to complete the Rad Tech Program.

Completion of the Rad Tech Program provides eligibility to apply for State and National Licensure exam and certification.

#### Respiratory Care Certificate of Achievement

##### General Information

Students without previous medical training are strongly advised to complete RC 170. Students must complete all other non-respiratory coursework required for the Associate in Science degree in respiratory care. The program has three phases that require specific courses and sequence.

For more program and admission information, go to [www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

##### Preclinical Phase

In the pre-clinical phase of the program, the student takes all the non-clinical Respiratory Care courses, which may include RC 170. The student shall also complete, at a minimum, RC 172 and RC 174, ANAT 30, CIS 13, ENGL C1000 and the associate's degree mathematics competency. In addition, due to the rigorous schedule in the clinical phase, it is recommended the student complete all the other general education and science courses required for the Associate in Science degree. For example, Psychology, Humanities, as well as Health and Physical Education courses or equivalent. (See academic counselor for specific coursework required for the associate degree in Respiratory Care.)

##### Admission to the Clinical Phase

Admission to the clinical phase of the program is limited by clinical space and budget considerations. In order to gain admittance to the clinical phase of the program, the student must complete the preclinical phase with a minimum grade of C in all courses. The student must also submit a program application and completed physical exam form with the required lab tests and readiness for clinical duties certified by an appropriate health care professional. Students may submit completed applications and physical exam forms when all the required preclinical coursework is completed. Applications are accepted by the program director up to the last day of the spring semester and students are assigned seats in the next clinical class based on verification of all required coursework, available space, qualifications, and academic merit. A new clinical class starts in the summer session each year.

##### Initial-Clinical Associate Degree Phase

In this clinical phase of the program, the student takes all the combined Respiratory Care science classroom and clinical courses required to receive the Respiratory Care program degree which, at a minimum, includes RC 176, RC 178, RC 280, RC 282, RC 286, 288, 289, 290, RC 294, RC 295, 298. In addition, the student must complete all other courses required for the Associate in Science degree in respiratory care if they have not been completed in the preclinical phase. This phase always starts with the admission to RC 176 in the summer session of any given year.

**Final-Clinical Certificate of Achievement Phase**

Two semesters of additional classroom/clinical advanced coursework are required to complete the requirements for the associate degree and the certificate of achievement from the advanced registry-level Respiratory Care program. The courses in this phase are RC 284, 291, RC 292, RC 293, 296, 297. This phase follows the associate degree phase and ends at the end of the spring semester, two years after admission to RC 176, ending with the awarding of the associate degree and certificate of achievement from the advanced respiratory care program.

**Program Costs**

In addition to tuition fees charged by the college, it is estimated that the cost of books, lab costs, stethoscopes and miscellaneous supplies is approximately \$3,500 over a two-year period. Financial assistance is available to students who meet the eligibility requirements.

**Admission Requirements and Length of Program**

For the high school graduate with a C average or better in science and math, the program will take at least 2 1/2 years to complete, including all prerequisites. A student is formally accepted into the clinical phase of the program after satisfactory completion of prerequisites, general education courses, and introductory respiratory care science courses.

**Procedure for Admission**

The student should apply for a reservation to register at El Camino College. An appointment with a Health Science counselor should be made so that the matriculation process can be completed. Students wishing to take advanced college work after graduation may choose a specific general education track. All respiratory care science and clinical courses must be taken and completed with at least a C or better.

For more program and admission information, go to

[www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

For Gainful Employment program information, please visit

[www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

**Certificate of Achievement**

To be eligible for the Certificate of Achievement, the student must have an Associate in Science degree in Respiratory Care from El Camino College. A Certificate of Achievement will be granted upon completion of the following course requirements.

**Required Core: 26 units**

RC 284 - Respiratory Care of the Critically Ill Patient III 9 units

RC 291 - Advanced Specialty Ventilators and Specialized Oxygen Delivery Devices 3 units

RC 292 - Advanced Clinical Application and Interpretation of Blood Gases 2 units

RC 293 - Cardiac Monitoring in Advanced Respiratory Care 4 units

RC 296 - Physical Examination in Advanced Respiratory Care 4 units

RC 297 - Perinatal and Pediatric Care in Advanced Respiratory Care 4 units

**Total Units: 26****Respiratory Care, AS**

The degree and certificate in respiratory care are awarded after successful completion of the advanced registry level respiratory care program. The program is designed for students planning to become California licensed respiratory care practitioners and registered respiratory care practitioners. Completion of the requirements also allows students to apply for all state and national advanced specialty credentialing examinations. Students will acquire the skills to provide a wide range of high technology and high-touch therapeutic interventions to patients in acute and chronic care settings. Competencies are assessed through the use of classroom, laboratory, and clinical performance evaluations in simulated and actual patient care situations. Program success is determined through examining attrition rates, employment rates and licensure exam pass rates.

**General Information**

Students without previous medical training are strongly advised to complete RC 170. Students must complete all other non-respiratory coursework required for the Associate in Science degree in respiratory care. The program has three phases that require specific courses and

sequence.

For more program and admission information, go to

[www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

**Preclinical Phase**

In the pre-clinical phase of the program, the student takes all the non-clinical Respiratory Care courses, which may include RC 170. The student shall also complete, at a minimum, RC 172 and RC 174, ANAT 30, CIS 13, ENGL C1000 and the associate's degree mathematics competency. In addition, due to the rigorous schedule in the clinical phase, it is recommended the student complete all the other general education and science courses required for the Associate in Science degree. For example, Psychology, Humanities, as well as Health and Physical Education courses or equivalent. (See academic counselor for specific coursework required for the associate degree in Respiratory Care.)

**Admission to the Clinical Phase**

Admission to the clinical phase of the program is limited by clinical space and budget considerations. In order to gain admittance to the clinical phase of the program, the student must complete the preclinical phase with a minimum grade of C in all courses. The student must also submit a program application and completed physical exam form with the required lab tests and readiness for clinical duties certified by an appropriate health care professional. Students may submit completed applications and physical exam forms when all the required preclinical coursework is completed. Applications are accepted by the program director up to the last day of the spring semester and students are assigned seats in the next clinical class based on verification of all required coursework, available space, qualifications, and academic merit. A new clinical class starts in the summer session each year.

**Initial-Clinical Associate Degree Phase**

In this clinical phase of the program, the student takes all the combined Respiratory Care science classroom and clinical courses required to receive the Respiratory Care program degree which, at a minimum, includes RC 176, RC 178, RC 280, RC 282, RC 286, 288, 289, 290, RC 294, RC 295, 298. In addition, the student must complete all other courses required for the Associate in Science degree in respiratory care if they have not been completed in the preclinical phase. This phase always starts with the admission to RC 176 in the summer session of any given year.

**Final-Clinical Certificate of Achievement Phase**

Two semesters of additional classroom/clinical advanced coursework are required to complete the requirements for the associate degree and the certificate of achievement from the advanced registry-level Respiratory Care program. The courses in this phase are RC 284, 291, RC 292, RC 293, 296, 297. This phase follows the associate degree phase and ends at the end of the spring semester, two years after admission to RC 176, ending with the awarding of the associate degree and certificate of achievement from the advanced respiratory care program.

**Program Costs**

In addition to tuition fees charged by the college, it is estimated that the cost of books, lab costs, stethoscopes and miscellaneous supplies is approximately \$3,500 over a two-year period. Financial assistance is available to students who meet the eligibility requirements.

**Admission Requirements and Length of Program**

For the high school graduate with a C average or better in science and math, the program will take at least 2 1/2 years to complete, including all prerequisites. A student is formally accepted into the clinical phase of the program after satisfactory completion of prerequisites, general education courses, and introductory respiratory care science courses.

**Procedure for Admission**

The student should apply for a reservation to register at El Camino College. An appointment with a Health Science counselor should be made so that the matriculation process can be completed. Students wishing to take advanced college work after graduation may choose a specific general education track. All respiratory care science and clinical courses must be taken and completed with at least a C or better.

For more program and admission information, go to

[www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

For Gainful Employment program information, please visit  
[www.elcamino.edu/academics/areas-of-study/respiratory-care.php](http://www.elcamino.edu/academics/areas-of-study/respiratory-care.php).

Program Prerequisites

ANAT 30 - Essentials of Anatomy and Physiology 4 units

CIS 13 - Computer Information Systems 3 units

ENGL C1000 - Academic Reading and Writing 4 units

PSYC C1000 - Introduction to Psychology 3 units

RC 172 - Fundamentals of Cardiopulmonary Physiology and  
Pharmacology in Respiratory Care 3 units

RC 174 - Introduction to Respiratory Care Equipment and Patient Care  
Procedures 3 units

Total Units: 20

Required Core:

RC 176 - Introduction to the Respiratory Care of the Non-Critically Ill  
Patient 6 units

RC 178 - Respiratory Care of the Critically Ill Patient I 8 units

RC 280 - Respiratory Care of the Critically Ill Patient II 9 units

RC 282 - Fundamentals of Perinatal and Pediatric Respiratory Care 4  
units

RC 286 - Fundamentals of Pulmonary Rehabilitation and Home  
Respiratory Care 3 units

RC 288 - Fundamentals of Pulmonary Function Testing 3 units

RC 289 - Advanced Respiratory Care of the Asthmatic Patient 3 units

RC 290 - Advanced Specialty Respiratory Gases 2 units

RC 294 - Pulmonary Function Testing in Advanced Respiratory Care 4  
units

RC 295 - Pharmacology in Advanced Respiratory Care 3 units

RC 298 - Advanced Emergency Management 3 units

**Total Units: 48**

Note: Students without previous medical training are strongly advised to  
complete RC 170.