

# El Camino College

Emergency Medical Technician (EMT)

Fire & Emergency Technology 144 (FTEC-144)

## Syllabus



### EMT Program Staff

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## INTRODUCTION

Welcome to the El Camino College EMT program! Emergency Medical Technicians are professional medical responders that work to help ill and injured patients in various emergency field and clinical settings. EMT principles that are covered throughout this course include, but are not limited to: leadership, followership, communication, safety, situational awareness, basic life support (BLS), patient assessment and professionalism. EMT students learn about the practices and procedures for treating medical illnesses and traumatic injuries through facilitated discussion, skills lab, simulations, scenarios and field experience. Students who successfully complete all 170 hours with an overall grade of 80% (B) or better will qualify to take the NREMT test for certification. Once the NREMT is completed, the student would be eligible for state EMT licensure.

## I-CARE EMT VALUES

The ECC EMT Program subscribes to the philosophies of I-CARE which include the following five values:

Integrity - Adhering to high moral principles

Compassion - Sympathy for the suffering of others

Accountability - Being responsible for one's own actions

Respect - Honor for patients, the profession and our colleagues

Empathy - A deep understanding for the feelings of others

These values are deeply held by all Emergency Medical Services (EMS) providers and are the expectations of both students and instructors which will be upheld throughout the program. These values are incorporated into all program activities and are subject to disciplinary action if breached.

## STUDENT LEARNING OUTCOMES

SLO #1: Students will be able to identify 32 major bones of the skeletal system.

SLO #2: Students will be able to identify 19 major components of the cardiovascular system.

SLO #3: Students will be able to identify 17 major components of the respiratory system.

I. **REQUIRED MATERIALS** - Student **MUST** purchase materials by the end of the first week of class:

### A. **Textbooks**

1. Emergency Care and Transportation of the Sick and Injured, 11th Ed. (Advantage Package) AAOS.  
J&B Learning, 2017. ISBN: **9781284106909** (must include textbook & **Advantage e-access**)
2. EMT Crash Course, 2nd Ed. Coughlin. REA, 2018. ISBN: **9780738612355**
3. ECC EMT Skills Workbook (Blue Cover). Available in college bookstore on FTEC shelf.

### B. **Online Access**     [www.elcamino.edu/academics/indtech/emt](http://www.elcamino.edu/academics/indtech/emt) - ECC EMT Program webpage.

1. **Castle Branch:** [www.castlebranch.com](http://www.castlebranch.com) - create a \$62 account using this package code: **EC90**
2. **FISDAP:**         [www.fisdap.net](http://www.fisdap.net) - create a \$94 account using this activation code: **ECC2243-6X87**
3. **Navigate 2:**     [www.jblearning.com](http://www.jblearning.com) - redeem access code in back of Advantage Package.

(Advantage, Preferred, or Premier e-access redemption code to access Instructor-led course code: **3AED39**)

- C. **Pre-requisites** - Student **MUST** have **Basic Life Support (BLS) for Healthcare Providers certification** from either the American Heart Association (AHA) or American Red Cross by the second week of class. Use the AHA or Red Cross course locator links found on ECC EMT webpage. Student **MUST** also complete mandatory **Incident Command System (ICS-100)** and **National Incident Management System (NIMS-700)** courses prior to the completion of the EMT Program. Both are free FEMA Independent Study Program courses. Links for the courses are provided on the ECC EMT webpage.
- D. **Equipment**
1. **Blood Pressure Cuff** - must be a black, blue or purple sphygmomanometer.
  2. **Stethoscope** - must be a black, blue or purple stethoscope.
  3. **Wristwatch** - must be a black athletic style wristwatch that displays seconds.
  4. **Gloves** - must be at least one box of 100 blue, purple or white nitrile gloves.
- E. **Uniform** - Student **MUST** be in the proper uniform by the second week of class or will lose 1 participation point per day. Student **MUST** be clean shaven, cover all tattoos and remove all piercings while in uniform. Non-uniform hats and jackets are not allowed. Student will wear a white uniform shirt with an ECC EMT patch, navy colored work pants with a black belt (at least 1" thick) and black steel-toed boots. Only navy blue/black sweaters/jackets may be worn for warmth. Student may purchase their uniforms Monday-Friday, 08:30am-4:30pm at LA Uniforms & Tailoring: 15625 Hawthorne Boulevard, Suite D, Lawndale, CA 90260, Phone Number: (424) 456-7539.

## II. **CLASSROOM CONDUCT**

- A. **Participation** - Student **MUST** arrive on time and in uniform for all scheduled classes. If however there is an illness or emergency and you are unable to attend, the instructor may allow up to 17 hours maximum of make-up hours in lieu of an absence with prior approval. Student starts with 10 points for attendance, each class tardiness subtracts 1 point and each absence subtracts 3 points from total.
- B. **Recording** - The use of any recording device during class without the prior consent of the instructor is prohibited. This is to protect privacy and to create a safe classroom environment where all participants can discuss potentially controversial or sensitive subjects freely. If you want to take a picture or make an audio or video recording, you must get the prior written permission of the instructor. Even if a student gets permission to record, the recordings are only for personal use and may not be distributed, posted or published in any manner.
- C. **Technology** - Cellphones and wireless devices must be turned to silent alert mode or turned off during class and skills labs. Exceptions will be made only with prior consent from the instructor. The use of laptops and tablets is permitted/encouraged during lectures to be used to access any of the course online access sites and research relevant information on the internet as directed within the class.

- D. **Squads** - Student will be assigned to a squad which they will work in for the duration of the program. That squad is intended to simulate the team environment that students will work in after finishing this program. Each squad will have individuals assigned to fill the roles of Squad Leader, Assistant Squad Leader, Time Officer, Morale Officer, Equipment Officer and other positions as needed. Squads are encouraged to develop their own group identities and work together both in and outside of class.
- E. **Facilities** - Student must respect the physical property of the college. All student areas should be neat and clean before leaving at the end of each class. While on breaks, student must respect other students, faculty, and staff. Student must refrain from excessive noise while in the hallways and provide for clear ingress and egress access during skills lab. Food is not allowed in the classroom.
- F. **Harassment** - Any form of harassment will not be tolerated. It is our goal to provide an educational and employment environment free from unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct or actions constituting sexual harassment as defined and otherwise prohibited by state and federal statutes.

### III. **CLINICAL EXPERIENCE**

- A. **Clinical Experience Manual** - Student **MUST** refer to the ECC EMT Program webpage to download and read all of the documents listed under the Clinical Experience section. The Clinical Experience Manual must also be printed, completed, signed and uploaded as directed to Castle Branch profile.
- B. **Clinical Packet** - Student **MUST** complete 24-hours of documented clinical experience. Student will be assigned to a 12-hour ambulance ride along shift, and a 12-hour hospital clinical shift. Student **MUST** document at least 10 patient interactions within the provided Clinical Packet on the Patient Summary Form. In addition, student **MUST** print and staple 10 LA Co EMS PCR's from the ECC EMT webpage.
- C. **Castle Branch** - Student **MUST** complete a background check and upload required documents to Castle Branch for review prior to clinical rotations. Proof of immunizations are required including: MMR, Tdap, Varicella, Tuberculosis test results (negative PPD skin test reading **-or-** negative chest x-ray, **-or-** a negative blood test will be accepted). Once the background check and required documents are uploaded and approved, two green checks are shown on profile. Student **MUST** email the Clinical Coordinator ([mchang@elcamino.edu](mailto:mchang@elcamino.edu)) once Castle Branch profile is complete to schedule clinical shifts.
- D. **Skills Test Book** - Student **MUST** successfully complete the EMT Skills Test Book in order to qualify for course completion. Student will have up to three (3) attempts to successfully pass each skill.
- E. **NREMT Skills Test Book** - Student **MUST** successfully complete the NREMT Skills Test Book in order to qualify for NREMT testing. Student will have up to three (3) attempts to successfully pass each skill. These skills include: Trauma Patient Assessment, Medical Patient Assessment, BVM, Oxygen Administration, CPR/AED, Spinal Immobilization, Bleeding Control, and Bone/Joint Immobilization.

#### IV. FISDAP TESTING

- A. **Quizzes** - There are 15 quizzes each worth one (1) point (14 quizzes are in FISDAP Study Tools, 1 BLS quiz given first week in class). Student must complete each quiz with 100% accuracy in order to be awarded one (1) point. Up to 10 retakes per quiz will be allowed. Students retaking course must redo.
- B. **Modules** - There are six module tests, each module is worth up to five (5) points. If the student earns at least a 70% on their first attempt, they will earn the full five (5) points. If the student earns at least a 70% on their second attempt, they only earn three (3) points. If the student does not earn a 70% on either attempt, they receive zero (0) points. **One retake per module test will be allowed if the student completes the module learning prescription assignment as detailed below.** Additional study groups outside of class are highly encouraged for all students (*GroupMe* is a free texting app that has been used by successful EMT study groups in the past to plan study groups and review).
- C. **Learning Prescriptions** - After each module test, practice final, and final exam FISDAP provides each student with a learning prescription which identifies concepts and ideas in which the student needs to improve upon. Learning prescriptions are found on the FISDAP website by clicking on the student grade percentage listed next to the completed Module Test. Student who receives **below** a 70% on any first module attempt **MUST** complete a learning prescription assignment which includes **typing, printing, and stapling** a document that includes responses and demonstrates understanding for each individual learning prescription item. This document must be in MLA format and handed in to the Primary Instructor on the day of the Module retest. MLA style reminders: 1" margins, 12-point font, upper left-hand corner of the first page lists (instructor name, the course, and the date), upper right-hand corner of all pages lists (your name, followed by a space with a page number).
- NO Learning Prescription = NO Module retest attempt.**
- D. **Practice Final** - Student is required to complete a 200 question "EMT Practice Exam" (in FISDAP under Study Tools at the bottom) on their own (up to three times) and **MUST** receive at least a 65% to pass and take the Final Exam. The Practice Final **MUST** be successfully passed prior to the Final Exam. Points earned for passing: 1st attempt = 10 points, 2nd attempt = 8 points, 3rd attempt = 6 points.
- E. **Final Exam** - Student **MUST** score a minimum of 70% on the final exam in order to receive a Course Completion Certificate. Student who fails to meet the 70% standard on their first attempt will be allowed one retake. Points earned for passing: 1st attempt = 20 points, 2nd attempt = 15 points.

## V. COURSE COMPLETION

### A. Grade Calculation

(1)	30 points	- Module Tests	A = 90-100%	(90-100 points)
(2)	20 points	- Final Exam	B = 80-89%	(80-89 points)
(3)	15 points	- Quizzes	C = 70-79%	(70-79 points)
(4)	10 points	- Practice Final Exam	D = 60-69%	(60-69 points)
(5)	10 points	- Participation	F = 00-59%	(00-59 points)
(6)	5 points	- Clinical Packet		
(7)	5 points	- Skills Test Book		
(8)	<u>5 points</u>	<u>- NREMT Skills Test Book</u>		
	<b>100 points</b>	<b>- TOTAL</b>		

### B. Important NOTICE

1. In order to work as an EMT, student **MUST** pass the NREMT Computerized Adaptive Test (CAT).
2. In order to take the NREMT CAT, student **MUST** receive an ECC EMT Course Completion Certificate.
3. In order to receive an ECC EMT Course Completion Certificate student **MUST** earn at least an 80% (B).
4. Student is responsible for **ALL** information in the textbooks, supplements and ECC EMT webpage.

C. **NREMT** - After successful ECC EMT course completion, student must register on the NREMT website for testing. Once a new account is created the student must create a new EMT application in order to receive an Authorization To Test (ATT) from El Camino College. At that time the student must pay the testing fee and may choose the location and time to test. All instructions, information and frequently asked questions can be found on the NREMT website: [nremt.org](http://nremt.org)

D. **Los Angeles County EMSA** - After successful NREMT testing, apply for an EMT license through your local Emergency Medical Services Agency (EMSA) website. In Los Angeles County visit: [ems.dhs.lacounty.gov](http://ems.dhs.lacounty.gov) Once logged on, click the blue Certification button (left side), then click the gray EMT Info tab within that page. Student must print out and complete the Request for Live Scan Service (background check). Student then must print out the EMT Initial Certification Application, fill out, send copies of all required documents and pay the required licensing fee. There is a frequently asked questions section that includes further information regarding this process if needed.