

# Emergency Medical Technology

## Careers & Technology

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### CERTIFICATE OF PROFICIENCY

Emergency Medical Technician

#### EMERGENCY MEDICAL TECHNICIAN

EMT (1)s are the backbone of the Emergency Medical Services (EMS) system throughout the nation, helping to reduce injury severity and death at the scene of an accident or sudden illness and during transportation to a medical facility.

#### Program Description

CRC's Emergency Medical Technology 100 course is designed to provide the student with the skills and knowledge to apply for certification as an Emergency Medical Technician (1) and is approved by the Sacramento County Health Department, Division of Emergency Medical Services, the certifying agency for Sacramento County. This certification is mandatory for all personnel who wish to pursue a career working on an ambulance. EMT (1) certification is also a pre-employment requirement for many fire departments. Together with varying levels of actual on-the-job experience, it is often required for admission to Paramedic training programs throughout the state.

CRC's EMT students will gain actual experience by spending eight hours off-campus in operating ambulance units and an additional eight hours in a hospital emergency department.

#### Career Opportunities

EMT(1) Fire Service

#### (With additional training):

Ambulance Technician Firefighter  
Rescue Worker Paramedic  
Emergency Medical Dispatcher

#### Highlights

- Hands-on experience provided in administering proper emergency medical care
- Preparation for the EMT(1) Certificate
- Recertification
- Hospital Emergency Room observation time and opportunities to "ride along" in ambulances

#### NOTE TO TRANSFER STUDENTS:

If you are interested in transferring to a four-year college or university to pursue a bachelor's degree in this major, it is critical that you meet with a CRC counselor to select and plan the courses for your major. Schools vary widely in terms of the required preparation. The courses that CRC requires for an associate's degree in this major may be different from the requirements needed for the bachelor's degree.

**For information about the student learning outcomes for this program, see <http://www.crc.losrios.edu/pslo>**

### CERTIFICATE OF PROFICIENCY

#### Emergency Medical Technician

CODE # 1508

EMT (1)s (also called EMT-I or Basic) are the backbone of the Emergency Medical Services (EMS) system throughout the nation, helping to reduce injury severity and death at the scene of an accident or sudden illness and during transportation to a medical facility.

The EMT certificate is not required for California state certification as an EMT (1) which is achieved by taking the EMT 100 course. The Emergency Medical Technician Certificate Program is designed to have the students fulfill entrance requirements, along with work experience, for many paramedic programs in the state and across the county including at American River College. The individual courses in the Emergency Medical Technician Certificate Program are the prerequisite requirements for paramedic schools and not the certificate itself. Students should be advised that some more intensive paramedic programs around the country may require more advanced human anatomy courses such as BIOL 430 and BIOL 431. The EMT 100 course fulfills the requirements for State EMT (1) certification testing.

CRC's Emergency Medical Technology course (EMT 100) is designed to provide the student with the skills and knowledge to apply for certification as an Emergency Medical Technician (1) and is approved by the Sacramento County Health Department, Division of Emergency Medical Services, the certifying agency for Sacramento County. The EMT 100 course completion is mandatory for all personnel who wish to pursue State certification as an EMT (1). EMT (1) certification from Sacramento County Health Department, Division of Emergency Medical Services is the first step to starting a career working on an ambulance. EMT (1) certification is also a pre-employment requirement for most professional fire departments. Together with varying levels of actual on-the-job experience, it is often required for admission to Paramedic training programs throughout the state and country.

CRC's EMT students will gain actual experience by spending hours off-campus in operating ambulance units and/or in a hospital emergency department.

#### REQUIRED PROGRAM.....Units

HEED 320	CPR-BLS for the Professional Rescuer .....	2 <sup>1</sup>
AH 110	Medical Language for Health-Care Providers.....	3
BIOL 102	Essentials of Human Anatomy and Physiology .....	4
EMT 100	Basic Emergency Medical Care .....	5
<b>TOTAL UNITS REQUIRED</b>	<b>.....</b>	<b>14</b>

<sup>1</sup>HEED 320 may be replaced by a current BLS for the Healthcare Provider Card from American Heart Association (the equivalent of HEED 320) or current CPR for the Professional Rescuer Certificate from the American Red Cross.

## EMERGENCY MEDICAL TECHNOLOGY (EMT)

### EMT 100

#### Basic Emergency Medical Care

5 Units

*Prerequisite:* HEED 320 (CPR: BLS for the Professional Rescuer) with a grade of "C" or better; or equivalent certification (BLS for the Healthcare Provider from the American Heart Association or CPR for the Professional Rescuer from the American Red Cross) All cards must be current.

*Advisory:* AH 110 (Medical Language for Health-Care Providers), AH 120 (Human Disease), AH 124 (Pharmacology for the Health Care Professional), and BIOL 102 (Essentials of Human Anatomy and Physiology)

*Enrollment Limitation:* Not open to students with a current

EMT - Basic certificate.

*Hours:* 72 hours LEC ; 72 hours LAB

This course instructs students to the level of Emergency Medical Technician-Basic. The EMT-Basic serves as a vital link in the health care team providing emergency pre-hospital care for basic life support with ambulance service, fire service, or other specialized services. Students spend ten hours off-campus in a hospital emergency room and/or in an operational ambulance. The course is in compliance with Title 22, Division 9, Chapter 2, of the California Code of Regulations. Students with an 80% grade or higher receive a course completion certificate, and are eligible to apply for the exam administered by the County of Sacramento for certification as an Emergency Medical Technician I.

### EMT 102

#### Emergency Medical Care Refresher

1 Unit

*Prerequisite:* Current certification as an Emergency Medical Technician (1) or Basic

*Hours:* 24 hours LEC ; 4 hours LAB

This course updates the techniques and current knowledge of persons employed in providing emergency care service. The course is in compliance with Title 22, Division 9, Chapter 2, of the California Code of Regulations. Students receiving an 80% grade or higher receive a course completion certificate. This course may be taken four times for credit.

### EMT 298

#### Work Experience in Emergency Medical Technology

1-4 Units

*Prerequisite:* None

*Hours:* 300 hours LAB

This course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. During the course of the semester, the student is required to fulfill an 18 hour orientation and 75 hours of related paid work experience, or 60 hours of unpaid work experience for one unit. An additional 75 or 60 hours of related work experience is required for each additional unit. The course may be taken again when there is new or expanded learning on the job for a maximum of 16 units.

### EMT 299

#### Experimental Offering in Emergency Medical Technology

.5-4 Units

*Prerequisite:* None

*Hours:* 18 hours LEC ; 54 hours LAB