

Emergency Medical Services

Victor Valley College offers two programs that enable students to enter careers in Emergency Medical Services. The first is the Emergency Medical Technician (EMT), after which students may continue to the Paramedic Program. Classes in this area meet California State EMS authority and ICEMA regulations.

Faculty

Brian Hendrickson | Scott Jones | Dave Oleson

Degrees and Certificates Awarded

Associate in Science, Emergency Medical Service
Paramedic Certificate

Emergency Medical Technician Certificate (Refresher)

Program Learning Outcomes

A student receiving a degree or certificate in this field will be able to:

- Demonstrate the ability to integrate the knowledge of injury / illness pathophysiology for all patients into a high quality of treatment and patient care.
- Apply effective leadership and communication strategies to effectively manage an emergency situation.
- Demonstrate the ability to evaluate various patient conditions and implement appropriate advanced skills based upon necessity.
- Perform at a minimum, as a competent, safe practitioner in caring for the community and the critically sick and injured

Associate Degree

To earn an A.S. degree with a major in Emergency Medical Services, complete all of the Paramedic Certificate requirements and meet all Victor Valley College graduation requirements.

Transfer

Not a transfer major. Some students pursue bachelor's degrees in related fields such as B.S. in Emergency Medical Care at Loma Linda University, B.S. in Public Safety and Emergency Management at Grand Canyon University, or B.S. In Health Administration with a concentration in Emergency Management at the University of Phoenix.

EMERGENCY MEDICAL SERVICES, AS (04980)		
To earn an A.S. degree with a major in Emergency Medical Services, complete all the following requirements outlined in the Paramedic Certificate, General Education requirements, and meet all Victor Valley College graduation requirements.		
Units Required: 40.0		
<i>All of the following must be completed with a grade of "C" or better:</i>		
EMS 80	Paramedic Anatomy and Physiology	3.5
EMS 81	Paramedic Introduction to Emergency Medical Services	3.5
EMS 82	Paramedic Cardiology	4.5
EMS 83	Paramedic Pharmacology	3.5
EMS 84	Emergency Medical Services	10.0
EMS 85	Paramedic Clinical	4.0
EMS 86	Paramedic Field Internship	11.5

Emergency Medical Services

EMERGENCY MEDICAL TECHNICIAN CERTIFICATE OF CAREER PREPARATION (Refresher)

The EMT I is the beginning level for emergency response personnel. It is the minimum preparation required to staff an ambulance.

Units Required: 1.0

All of the following must be completed with a grade of "C" or better:

EMS 61	(Ambulance) Refresher Course	1.0
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PARAMEDIC CERTIFICATE OF ACHIEVEMENT (20546)

The Victor Valley College Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
25400 U.S. Highway 19 North, Suite 158
Clearwater, FL 33763
727-210-2350 | www.caahep.org

To contact CoAEMSP:
8301 Lakeview Parkway Suite 111-312, Rowlett, TX 75088
214-703-8445 FAX 214-703-8992 | www.coaemsp.org

Units Required: 40.5

This certificate prepares students to take the state examination to practice as a paramedic.

All of the following must be completed with a grade of "C" or better:

EMS 80	Paramedic Anatomy and Physiology	3.5
EMS 81	Paramedic Introduction to Emergency Medical Services	3.5
EMS 82	Paramedic Cardiology	4.5
EMS 83	Paramedic Pharmacology	3.5
EMS 84	Emergency Medical Services	10.0
EMS 85	Paramedic Clinical	4.0
EMS 86	Paramedic Field Internship	11.5

Emergency Medical Services Courses

EMS 50 EMERGENCY MEDICAL RESPONDER

Units: 2.5 | **32-36 hours lecture 24-27 hours laboratory**

(No prerequisites) This course does not apply to the Associate Degree.

This course provides training in basic emergency care skills, including patient assessment, CPR, automated external defibrillation, use of definitive airway adjuncts, splinting, and control of bleeding.

EMS 60 EMERGENCY MEDICAL TECHNICIAN

Units: 9.5 | **120-135 hours lecture 96-108 hours laboratory**

(Prerequisite: 18 years of age before first day of class. CPR equivalent to 2015 AHA BLS for Healthcare Providers. State mandated.)

This course provides training in basic emergency care skills, including CPR, automated external defibrillation, use of definitive airway adjuncts, and assisting patients with certain medications. Approved by the Inland Counties Emergency Medical Agency. All students must be eighteen years of age and have CPR (Cardio-Pulmonary Resuscitation) training equivalent to the American Heart Association Healthcare Provider Level (Title 22, Div. 9, Ch. 2, Sect. 100066 b2 California Code of Regulations) prior to the first day of class due to current clinical/field internship affiliation agreements. (Formerly ALDH 71)

EMS 61 EMERGENCY MEDICAL TECHNICIAN REFRESHER

Units: 1.0 | **8-9 hours lecture 24-27 hours laboratory**

(Prerequisite: Current EMT license.)

Thirty hour refresher course required for renewal of Emergency Medical Technician I Certificate. New Certificate of Completion awarded. Course approved by the Inland County Emergency Medical Agency and adheres to California Code of Regulations, Title 22, Division 9, Chapter 4.

EMS 80 PARAMEDIC ANATOMY AND PHYSIOLOGY

Units: 3.5 | **48-58 hours lecture and 24-27 hours laboratory**

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion EMS 60 with a grade of "B" or better or an EMT card equivalent).

This is the introductory course of the Paramedic program. This course includes basic anatomy, physiology, and medical terminology for the paramedic.

EMS 81 PARAMEDIC INTRODUCTION TO EMERGENCY MEDICAL SERVICES

Units: 3.5 | **48-58 hours lecture and 24-27 hours laboratory**

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion of EMS 60 with a "B" grade or better or an EMT card equivalent).

This course covers the roles and responsibilities of the EMT-P. It also includes the Emergency Medical Services System and EMS communication and leadership as it relates to the EMT-P.

EMS 82 PARAMEDIC CARDIOLOGY

Units: 4.5 | **56-63 hours lecture and 48-54 hours laboratory**

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion of EMS 80 and 81.)

This course covers the cardiovascular system and includes anatomy and physiology of the heart, and application and interpretation of EKG's.

EMS 83 PARAMEDIC PHARMACOLOGY

Units: 3.5 | **48-54 hours lecture and 24-27 hours laboratory**

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion of EMS 80 and 81.)

This course will cover the general principles of Pharmacology including calculations and administration of various medications.

Emergency Medical Services Courses

EMS 84 EMERGENCY MEDICAL SERVICES (Formerly ALDH 55)

Units: 10.0

128-144 hours lecture and 96-108 hours laboratory

(Prerequisite: Application and acceptance into the Paramedic Program is required before registering for this course. Successful completion of EMS 80, 81, 82, 83 with 80% or better.)

This course covers the theoretical and scientific background of emergency medical care in the pre-hospital setting to include patient assessment, trauma and medical emergencies, and skills practice in the lab.

EMS 85 PARAMEDIC CLINICAL (Formerly ALDH 56)

Units: 4.0

192-216 hours laboratory

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion of EMS 84 with 80% or better.)

This course is the first part of the student's internship as part of the Paramedic Program. This includes lab hours at an acute care facility performing Inland Counties Emergency Medical Agency Skills.

EMS 86 PARAMEDIC FIELD INTERNSHIP (Formerly ALDH 57)

Units: 11.5

552-621 hours laboratory

(Prerequisite: Application and acceptance into the Paramedic Academy and successful completion of EMS 85 with 80% or better.)

This course is the field internship portion of the Paramedic program. Students will spend 600 hours in the field with a transport service performing Emergency Medical Technician skills.