

Emergency Medical Services

EMS 102 First Aid & Safety

3.0 units

Acceptable for credit: Transfer to UC, CSU

C-ID Course Number: KIN 101

This course provides American Heart Association (AHA) "Heartsaver" first aid/ cardiopulmonary resuscitation (CPR)/ automated external defibrillator (AED) training as a citizen responder in addition to providing Federal Emergency Management Agency (FEMA) Community Emergency Response Team (CERT) training that will prepare the student to deliver basic emergency care during a disaster prior to the arrival of professional emergency responders. Upon successful completion of the course, the student will receive AHA "Heartsaver" first aid/CPR/AED card as well as a FEMA CERT certificate of completion. This course is not open to students who have received credit for Physical Education 102. (Fall, Spring, Summer) (Letter Grade Only)

EMS 130 Principles of Emergency Management

3.0 units

Acceptable for credit: Transfer CSU

An introduction to the fundamentals of the emergency management system. Topics include the four phases of the emergency management cycle, community-focused hazard analysis, and the connection between planning and emergency management. This course is not open to students who have completed or who are enrolled in Fire Technology 130. (F,S,U) (Fall, Spring, Summer) (Pass/No Pass)

EMS 134 Internship Seminar

1.0 unit

Acceptable for credit: Transfer CSU

Corequisite: EMS 149 - Cooperative Work Experience:

Occupational ; or CWE 149 - Cooperative Work Experience

OCCUPATIONAL

Provides students with a seminar format to discuss, analyze, and critically evaluate their work-based learning experiences. This forum emphasizes job market information, attitudes, and abilities that facilitate job success; skills necessary for maintaining employment and techniques for enhancing job advancement opportunities. (A) (Fall, Spring) (Pass/No Pass)

EMS 149 Cooperative Work Experience:

Occupational

1.0 - 8.0 units

Acceptable for credit: Transfer CSU

Limitations on Enrollment: To participate in Cooperative Work Experience: (1) students must be working at a job within their major, (2) students must be able to become involved in new or expanded responsibilities on the job, (3) the employer must be willing to cooperate with the college in the supervision and evaluation of the student and (4) the student must attend all coordination/consultation meetings in addition to other work and class responsibilities. NUMBER OF TIMES COURSE CAN BE REPEATED: Students enrolled in CWE 149 may earn up to 8 units of credit per semester not to exceed 16 units in total. Any units earned in any other Cooperative Work Experience course

will be included in the 16 unit maximum. CWE Units Unpaid Placement: 1 unit 60 hours 2 units 120 hours 3 units 180 hours 4 units 240 hours 5 units 300 hours 6 units 360 hours 7 units 420 hours 8 units 480 hours CWE Units Paid Placement: 1 unit 75 hours 2 units 150 hours 3 units 225 hours 4 units 300 hours 5 units 375 hours 6 units 450 hours 7 units 525 hours 8 units 600 hours

Supervised employment extending classroom-based learning to an on-the-job learning environment relating to the student's career and educational goals. In addition, these work experiences improve the student's basic work skills and professional competencies by creating career awareness, improving work habits, and fostering positive workplace attitudes. (Pass/No Pass)

EMS 199 Special Topics in Emergency Medical Services Training

0.5 - 2.5 units

Acceptable for credit: Transfer CSU

This course satisfies the local, state, or federal requirements for updated and/or mandated training. Basic course or equivalent work experience as appropriate may be required for successful completion of this course. The variable format allows for flexibility of course content to meet the current training needs and provides students with basic and advanced knowledge and skills for continued education. The course is presented in an atmosphere of serious study, using adult learning techniques. (Pass/No Pass)

EMS 300 Introduction to Emergency Medical Services

1.0 unit

Acceptable for credit: D - Credit - Degree Applicable

Advisories: ENGL 514 - Writing Skills 4 or the equivalent

Limitations on Enrollment: Admittance to the program

An exploration of the academic and interpersonal expectations required for successful completion of an entry-level EMS Academy training program as well as graduation requirements and eligibility for admittance to EMS 301. This course is a pre-requisite to EMS 301. (Pass/No Pass)

EMS 301 Emergency Medical Services Academy-1A

6.0 units

Acceptable for credit: D - Credit - Degree Applicable

Advisories: ENGL 514 - Writing Skills 4

Limitations on Enrollment: Admittance to the program

Prerequisite: EMS 300 - Introduction to Emergency Medical Services and completion of or concurrent enrollment in ; EMS 306 - CPR for Healthcare Providers

This beginning-level academy module meets and exceeds the US Department of Transportation Emergency Medical Technician (EMT) National Standard Curriculum for students desiring eligibility for certification as an EMT in the State of California. State certification as an EMT is mandated as the minimum level of emergency medical training required to work on any ambulance and for most fire departments. A uniform and other related material will be required. Enrollment is done through an application process. This course may be repeated as often as necessary for the purpose of recertification. (Fall, Spring) (Pass/No Pass)

EMS 302 EMS Academy 1B (Advanced)**7.0 units**

Acceptable for credit: D - Credit - Degree Applicable
 Advisories: Reading level at a minimum of 12th grade level.

Corequisite: ENVT 156 - First Response Operational

Prerequisite: EMS 301 - Emergency Medical Services Academy-1A ; or concurrent enrollment in EMS 301 or Emergency Medical Technician 1 Basic Certification.

This Advanced Academy module prepares the student to apply and expand upon the basic EMT skills introduced in the beginning academy module. Topics include: communication and leadership skills, emergency vehicle operations and driving, patient handling and packaging, assisting paramedic partners, street survival issues, automobile extrication, rope rescue, helicopter safety, hazardous materials, preparing to apply for jobs in related field, medical and trauma based scenarios, and physical fitness and agility training. An academy uniform, gym suit, and related materials will be required. (Fall, Spring) (Letter Grade Only)

EMS 306 CPR for Healthcare Providers**0.5 units**

Acceptable for credit: D - Credit - Degree Applicable
 Instruction for health-care professionals on cardiopulmonary resuscitation (CPR) and automated external defibrillation techniques according to the current American Heart Association standards. Students successfully completing this course are eligible to purchase an optional American Heart Association Healthcare CPR card. This course may be repeated as necessary to maintain certification. (Fall, Spring, Summer) (Pass/No Pass)

EMS 307 Wilderness EMS - First Responder and Survival**2.5 units**

Acceptable for credit: D - Credit - Degree Applicable
 Prepares the student to recognize and treat medical emergencies unique to a wilderness or disaster environment. Emphasizes first aid skills and improvisation of emergency equipment. Recommended for emergency responders, outdoor enthusiasts, hikers, and hunters. An hour for hour awarding of CEUs are available for EMT and paramedic. (Fall, Spring) (Pass/No Pass)

EMS 309 Pre-hospital Trauma Life Support (PHTLS)**1.0 unit**

Acceptable for credit: D - Credit - Degree Applicable
 Presents basic and advanced pre-hospital concepts and skills including rapid assessment of the critical trauma patient, treatment for shock and hypoxemia and rapid transport. Student receives PHTLS certification and 16 hours of CEU's for Emergency Medical Services-1, paramedics and registered nurses. (Fall, Spring) (Pass/No Pass)

EMS 310 Child Care First Aid & CPR**0.5 units**

Acceptable for credit: D - Credit - Degree Applicable
 Presents American Red Cross skills necessary to respond to breathing and cardiac emergencies. Pediatric first aid and injury prevention are also covered. The course meets CCR Title-22/CA EMSA requirements for child care providers. Upon

successful completion, students will receive an American Red Cross certification in Adult, Infant, Child CPR (valid for 1 year), and a CA Child Care First Aid certificate (valid for 2 years). (Fall, Spring) (Pass/No Pass)

EMS 319 Emergency Response To Terrorism**3.0 units**

Acceptable for credit: D - Credit - Degree Applicable
 Enables emergency responders to recognize circumstances and key indicators that may signify a terrorist incident or threat potential. Topics include implementing incident command, self-protective measures, scene security, force protection, and defensive measures associated with biological, nuclear, incendiary, chemical, and explosives incidents. Materials and information relevant to current events on emergency preparedness in terrorist incident management for emergency responders of all disciplines are explored. This course is not open to students who are enrolled in or have received credit for Fire Technology 319. (Pass/No Pass)

EMS 320 Emergency Medical Response to Hazardous Material Incidents**1.0 unit**

Acceptable for credit: D - Credit - Degree Applicable
 This course meets the requirements for the State of California CSTI hazardous materials First Responder - Awareness certification and the NFPA 473 standards for a Level-1 EMS responder to hazardous material incidents. Course can be used to meet CEU requirements. (Pass/No Pass)

EMS 321 Advanced Cardiac Life Support**1.0 unit**

Acceptable for credit: D - Credit - Degree Applicable
 Presents advanced cardiac life support care. American Heart Association ACLS certification and sixteen hours for CEUs for Emergency Medical Technicians-1, paramedics, and registered nurses. (Pass/No Pass)

EMS 322 Pediatric Advanced Life Support**1.0 unit**

Acceptable for credit: D - Credit - Degree Applicable
 Covers pediatric advanced cardiac life support care. Includes American Heart Association PALS certification and 16 hours of CEUs for Emergency Medical Technicians-1, paramedics, and registered nurses. (S,U) (Spring, Summer) (Letter Grade or Pass/No Pass)

EMS 325 Lifeguard Certification**2.0 units**

Acceptable for credit: D - Credit - Degree Applicable
 Limitations on Enrollment: American Red Cross requirements for swimming proficiency.
 Instruction in the American Red Cross lifeguard training techniques, first aid and CPR skills required to become a poolside or water park lifeguard. Upon successful completion, a student will earn certifications in both American Red Cross Lifeguard Training and CPR for the Professional Rescuer. May be repeated as necessary to maintain certification. (Spring) (Pass/No Pass)

EMS 328 Wilderness/ EMS Wilderness Travel**1.5 units**

Acceptable for credit: D - Credit - Degree Applicable

An introduction to safe and effective wilderness travel for recreational backpackers as well as emergency response personnel responding to rescue situations in remote/wilderness areas. CEUs available for EMT-1 and paramedics. (Fall, Spring) (Pass/No Pass)

EMS 333 Paramedic Theory**16.0 units**

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: EMS 302 - EMS Academy 1B (Advanced) ; or

Current California EMT-1 (Basic) certification.; and a minimum of six months verified experience as an EMT-1 (Basic) responding to emergency medical responses within the past two years

Advanced life support training in the emergency medical services career structure covering all techniques of anatomy and physiology. Includes cardiovascular, respiratory, pediatric, OB/GYN and traumatic emergency training. This course meets 320 hours of the 1032 hours required to complete paramedic training in the state of California. Course content is based on the guidelines and authority of Title 22, Division 9, of the California Code of regulations and the U.S. Department of Transportation Emergency Medical Technician-Basic Standard National Curriculum. (Pass/No Pass)

EMS 337 Wilderness EMS - Aircraft Search Technology and Techniques**2.0 units**

Acceptable for credit: D - Credit - Degree Applicable

This course provides basic understanding of the skills required to perform safe and effective aircraft search techniques during a search and rescue operation in a wilderness or remote location. 16 hours of CEU's for Emergency Medical Technician-1 and paramedic are available. (Pass/No Pass)

EMS 338 Land Navigation**2.0 units**

Acceptable for credit: D - Credit - Degree Applicable

A study of mapping and GPS skills as applied to fire, Haz-Mat and EMS emergency response. Emphasizes interpreting topographic maps and use of both the compass and GPS device. This course is not open to students who are enrolled in or have received credit for Fire Technology 338 or Environmental Technology 338. (Fall, Spring) (Pass/No Pass)

EMS 343 Paramedic Clinical Laboratory**7.5 units**

Acceptable for credit: D - Credit - Degree Applicable

Limitations on Enrollment: current CPR Certification for health care provider or professional rescuer

Prerequisite: EMS 333 - Paramedic Theory

The second phase of paramedic training designed to provide supervised clinical application of cognitive knowledge and skills in acute patient care area for the paramedic student. Opportunities for increasing depth of skill performance and presentation of more advanced skills are provided. (Pass/No Pass)

EMS 350 Wilderness EMS - Essentials of Search and Rescue**3.5 units**

Acceptable for credit: D - Credit - Degree Applicable

Presents essential skills required for safe and effective search and rescue (SAR) operations conducted by SAR, emergency medical and law enforcement personnel responding in wilderness and remote areas. Includes scope and responsibility of SAR field personnel, responding safely to wilderness and remote environments, lost person behaviors, tracking and working with K-9 search teams. Includes sixteen hours of CEU's for emergency medical technicians-1 and paramedics. (Pass/No Pass)

EMS 353 Paramedic Field Internship**10.0 units**

Acceptable for credit: D - Credit - Degree Applicable

Limitations on Enrollment: current CPR Certification for health care provider or professional rescuer

Prerequisite: EMS 343 - Paramedic Clinical Laboratory

The third and final phase of paramedic training allows the student to be assigned to an emergency response vehicle with a field preceptor to establish advanced life support patient care responsibilities. Each student must have a minimum of (40) advanced life support contacts during this course. Upon successful completion of this phase of training, the student will become eligible for state certification as an Emergency Medical Technician-Paramedic. (Pass/No Pass)

EMS 360 Wilderness EMS - Man Tracking 1**0.5 units**

Acceptable for credit: D - Credit - Degree Applicable

Develops basic tracking techniques and skills for search and rescue, law enforcement, and emergency medical personnel operating in wilderness and remote areas. Includes tracking and sign cutting techniques tracking equipment, team makeup, maps and GPS use. POST certified and 8 hours of CEU's for emergency medical technicians-1 and paramedics are available. (Pass/No Pass)

EMS 378 Wilderness/ EMS—EMT Wilderness Transition**2.5 units**

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: EMS 301 - Emergency Medical Services Academy-1A ; and EMS 306 - CPR for Healthcare Providers ; or Current EMT-1 certification and professional rescuer or health care provider CPR certification.

Provides the certified EMT with an understanding of the skills needed to effectively manage an emergency medical response in a remote wilderness area. CEUs available for EMT-1 and paramedics. (Pass/No Pass)

EMS 388 Wilderness EMS - Searching with Canine (K-9) Teams**2.5 units**

Acceptable for credit: D - Credit - Degree Applicable

Provides a basic understanding of the canine (K-9) search and rescue team. Basic history and training of search and rescue (SAR)

K-9 teams, as well as necessary skills and techniques used to assist the K-9 handler in the wilderness and remote areas, will be covered. (Pass/No Pass)

EMS 401 Emergency Medical Technician 1 (Basic) Refresher

1.5 units

Acceptable for credit: C - Credit - Not Degree Applicable
Repeatable: 99.00

Prerequisite: EMS 306 - CPR for Healthcare Providers ; or Valid EMT-1 Basic certification within the past 4 years. NOTE: Approval of equivalent enrollment eligibility is not a guarantee that state regulatory and licensing authorities will also grant equivalencies for licensure for employment purposes.

This class satisfies the requirements set forth by Title 22, Division 9, of the California Code of Regulations for Emergency Medical Technician 1 (Basic) refresher training. This course may be repeated as often as necessary for the purpose of certification. (Fall, Spring, Summer) (Pass/No Pass)

EMS 407 Wilderness EMS – First Responder and Survival Refresher

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

Prerequisite: EMS 307 - Wilderness EMS - First Responder and Survival

Satisfies the requirements set forth by Title 22, Division 9 of the California Code of Regulations for Emergency Medical Services. May be repeated as often as necessary for the purposes of certification. (Pass/No Pass)

EMS 409 Prehospital Trauma Life Support (PHTLS) Refresher

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

Prerequisite: Current PHTLS Certification

Review of prehospital trauma life support basic and advanced concepts and skills. Student receives PHTLS recertification and eight hours of CEUs for emergency medical technicians-1, paramedics and registered nurses are available. May be repeated as necessary to maintain certification. (Pass/No Pass)

EMS 410 EMT 1 (Basic) Skills Refresher Module A

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

A review of anatomy, physiology, and medical legal issues for EMT personnel. Satisfies the requirements set forth by Title 2, Division 9 of the California Code of Regulations for Emergency Medical Services. This course may be repeated as necessary for the purposes of certification. (F,S) (Fall, Spring) (Letter Grade or Pass/No Pass)

EMS 411 EMT 1 (Basic) Skills Refresher Module B

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

A review of scene size-up, patient assessment, and medical emergencies. Satisfies the requirements set forth by Title 2, Division 9 of the California Code of Regulations for Emergency Medical Services. This course may be repeated as often as

necessary for the purposes of certification. (F,S) (Fall, Spring) (Letter Grade or Pass/No Pass)

EMS 412 EMT-1 (Basic) Skills Refresher Module C

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

A review of environmental emergencies and trauma. Satisfies the requirements set forth by Title 2, Division 9 of the California Code of Regulations for Emergency Medical Services. This course may be repeated as often as necessary for the purposes of certification. (Fall, Spring) (Letter Grade or Pass/No Pass)

EMS 413 EMT-1 (Basic) Skills Refresher Module D

0.5 units

Acceptable for credit: D - Credit - Degree Applicable

A review of didactic and manipulative skills required for EMT-1 Basic recertification. Satisfies the requirements set forth by Title 2, Division 9 of the California Code of Regulations for Emergency Medical Services. This course may be repeated as necessary for the purposes of certification. (F,S) (Fall, Spring) (Letter Grade or Pass/No Pass)

EMS 414 Advanced Cardiac Life Support (ACLS) Refresher

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

Repeatable: 99.00

Prerequisite: EMS 321 - Advanced Cardiac Life Support ; or Current American Heart Association ACLS Certification

Review of cardiac life support care. Student receives American Heart Association ACLS recertification and eight hours of CEUs for emergency medical technicians-1, paramedics and registered nurses are available. May be repeated as necessary to maintain certification. (Pass/No Pass)

EMS 415 Pediatric Advanced Life Support Refresher

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

Repeatable: 99.00

Prerequisite: EMS 322 - Pediatric Advanced Life Support ; or Current American Heart Association PALS Certification

Review of pediatric advanced life support care. Student receives American Heart Association PALS recertification and eight hours of CEUs for emergency medical technicians-1, paramedics and registered nurses are available. May be repeated as necessary to maintain certification. (Pass/No Pass)

EMS 461 Medical First Responder Update

0.5 units

Acceptable for credit: C - Credit - Not Degree Applicable

Repeatable: 99.00

Prerequisite: WFT 302 - Basic Incident Command System I-200
Refresher training for first responders to meet CCR, Title 22 mandated training requirements in basic patient care and stabilization at medical emergencies. This course may be repeated as necessary for the purposes of certification. (Pass/No Pass)