EMERGENCY MEDICAL SERVICE (EMS)

EMS 1 Paramedic Fundamentals and Selection
4 Units (Degree Applicable)
Lecture: 72
Prerequisite: Completed Paramedic Program application, current California EMT I (Basic) certificate, and 1200 hours employment as an EMT I, Eligibility for ENGL 68, Eligibility for READ 90, and Eligibility for MATH 51

Assessment and review of required Emergency Medical Technician (EMT) competencies as part of the selection process for the Emergency Medical Technician Paramedic (EMT-P) program. Includes current practices, medical terminology, mathematical skills for drug calculations, and applied physiology and anatomy of human body systems.

Course Schedule

EMS 2 Preparation for Paramedic Program
1 Unit (Not Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 54
Prerequisite: Acceptance into the paramedic program AND EMS 1

Emergency Medical Technician (EMT)-Basic Skills development and practice for patient assessment and treatment decision-making in preparation for the paramedic program. Focuses on life support, trauma response, and immobilization techniques for healthcare providers.

Includes the American Heart Association Healthcare Provider (AHA HCP) Basic Life Support (BLS) skills, Basic Trauma Life Support (BTLS) and the Los Angeles County Emergency Medical Services (EMS) standards and resuscitation policies. Ride-alongs with 911 call response teams are highly recommended.

Course Schedule

EMS 10 Anatomy and Physiology for Paramedics
3 Units (Degree Applicable)
Lecture: 54
Prerequisite: Admission to Paramedic Program and EMS 1 and EMS 2
Corequisite: EMS 20, EMS 30, EMS 40, EMS 50, and EMS 60

Gross anatomy and physiology of the human body, with applications to paramedic practices.

Course Schedule

EMS 20 Emergency Cardiac Care for Paramedics
1.5 Units (Degree Applicable)
Lecture: 18 Lab: 30
Prerequisite: Admission to the Paramedic Program
Corequisite: EMS 10, EMS 30, EMS 40, EMS 50, and EMS 60 (courses may have been taken previously)

Certifies students in Pediatric Advanced Life Support (PALS), and Advanced Cardiac Life Support (ACLS) according to the standards of the American Heart Association (AHA). Enhances advanced assessment and treatment skills according to national and Los Angeles County Treatment Guidelines.

Course Schedule

EMS 30 Pharmacology for Paramedics
3 Units (Degree Applicable)
Lecture: 36 Lab: 54
Prerequisite: Admission to the Paramedic Program
Corequisite: EMS 10, EMS 20, EMS 40, EMS 50, EMS 60

Paramedic drugs with emphasis on dosages supplied and ordered, routes of administration, expected therapeutic outcomes and possible adverse reactions.

Course Schedule

EMS 40 Cardiology for Paramedics
3 Units (Degree Applicable)
Lecture: 54
Prerequisite: Admission to the Paramedic Program
Corequisite: EMS 10 and EMS 20 and EMS 30 and EMS 50 and EMS 60

Familiarizes the paramedic with the normal, abnormal, and diseased heart, assessments, assessment tools, interpretation of dysrhythmias, and paramedic interventions.

Course Schedule

EMS 50 Paramedic Skills Competency
5 Units (Degree Applicable)
Lecture: 54 Lab: 108
Prerequisite: Admission to the Paramedic Program
Corequisite: EMS 10, EMS 20, EMS 30, EMS 40, EMS 60

Paramedic skills required for field operation as a paramedic and for licensing in competency-based exams.

Course Schedule

EMS 60 EMS Theory for Paramedics
8.5 Units (Degree Applicable)
Lecture: 153
Prerequisite: Admission to the Paramedic Program
Corequisite: EMS 10, EMS 20, EMS 30, EMS 40, and EMS 50

Paramedic theories, principles, and practices including assessment skills, care of the sick and injured at a paramedic level, with applications to anatomy and physiology, pathologic processes, and mechanisms of injury.

Course Schedule

EMS 70 Paramedic Clinical Internship
3 Units (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 162
Prerequisite: EMS 10 and EMS 20 and EMS 30 and EMS 40 and EMS 50 and EMS 60

Clinical experience and application of paramedic theory and practice with an emphasis on patient assessment and utilization of paramedic skills in a hospital setting.

Course Schedule
EMS 80  Paramedic Field Externship
9 Units  (Degree Applicable)
(May be taken for Pass/No Pass only)
Lab: 486
Prerequisite: EMS 70 and successful completion of Los Angeles County accreditation exam

Application of concepts of paramedic theory and practices, with emphasis on patient assessment and utilization of paramedic skills in a field setting on an operational paramedic unit.

Course Schedule