

## Emergency Medical Services Paramedic

### EMSP 300 Anatomy & Physiology for Prehospital Personnel

#### 3.0 units

Acceptable for credit: C - Credit - Not Degree Applicable

This course includes basic human anatomy, physiology and medical terminology at the cellular and systemic level designed primarily for the paramedic. However it can be applicable for students in other associated fields that wish to explore the realm of human anatomy and physiology. (Spring, Summer) (Letter Grade Only)

### EMSP 323 Paramedic Theory 1

#### 6.0 units

Acceptable for credit: D - Credit - Degree Applicable

C-ID Course Number: N/A

Corequisite: EMS 321 - Advanced Cardiac Life Support ; EMS 322 - Pediatric Advanced Life Support ; EMSP 324 - Paramedic Laboratory 1

Limitations on Enrollment: Current EMT certification and 1000 hours verified experience as an EMT-Basic within the past 3 years.

Prerequisite: EMSP 300 - Anatomy & Physiology for Prehospital Personnel with a minimum grade of C or P grade; or BIOL 124 - Human Anatomy with minimum grade of C or, P grade; and BIOL 125 - Human Physiology with minimum grade of C or, P grade  
This course covers the first half of the required theory of the paramedic didactic education and training following the current Department of Transportation National Emergency Education Standards (NEMSES) and California Code of Regulations, Title 22. This includes cognitive content associated with medical emergencies, special populations, and EMS operations. (Fall) (Letter Grade Only)

### EMSP 324 Paramedic Laboratory 1

#### 2.0 units

Acceptable for credit: D - Credit - Degree Applicable

Corequisite: EMS 321 - Advanced Cardiac Life Support ; EMS 322 - Pediatric Advanced Life Support ; EMSP 323 - Paramedic Theory 1

Prerequisite: EMSP 300 - Anatomy & Physiology for Prehospital Personnel ; or BIOL 124 - Human Anatomy ; and BIOL 125 - Human Physiology

Provides the skills portion of the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. This course includes psychomotor skills associated with the assessment and management of medical illnesses in the pre-hospital setting. Includes cardiovascular, respiratory, and special populations. (Fall) (Letter Grade or Pass/No Pass)

### EMSP 333 Paramedic Theory 2

#### 4.0 units

Acceptable for credit: D - Credit - Degree Applicable

Corequisite: EMSP 334 - Paramedic Laboratory 2

Prerequisite: EMSP 323 - Paramedic Theory 1 ; EMSP 324 - Paramedic Laboratory 1

This course covers the 2nd half of the required theory of the paramedic didactic education and training following the current Department of Transportation Emergency Education Standards (NEMSES) and California Code of Regulations, Title 22. This course examines blunt and penetrating trauma to the human body. This course identifies the assessment findings of trauma pathophysiology in the development of a field impression and the application of the latest methods of treatment for all types of traumatic injuries. Includes the management of traumatic scene dynamics and safety. (Fall) (Letter Grade or Pass/No Pass)

### EMSP 334 Paramedic Laboratory 2

#### 2.0 units

Acceptable for credit: C - Credit - Not Degree Applicable

Corequisite: EMSP 333 - Paramedic Theory 2

Prerequisite: EMSP 323 - Paramedic Theory 1 ; EMSP 324 - Paramedic Laboratory 1

Provides the skills portion of the current Department of Transportation National Emergency Services Education Standards (NEMSES) and California Code of Regulations, Title 22. Includes psychomotor skills associated with: preparatory, anatomy and physiology, pharmacology, airway management, patient assessment, and trauma patient management. (Fall) (Letter Grade or Pass/No Pass)

### EMSP 343 Paramedic Clinical Practicum

#### 5.0 units

Acceptable for credit: D - Credit - Degree Applicable

C-ID Course Number: NA

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. (Spring) (Pass/No Pass)

### EMSP 353 Paramedic Field Internship

#### 10.0 - 11.0 units

Acceptable for credit: D - Credit - Degree Applicable

C-ID Course Number: NA

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. (Spring) (Pass/No Pass)