



**Please Note:**  
*Highlighting indicates substantive updates for the 2009/2010 academic year.*

*Updates are effective July 1, 2009.*

## Faculty

James Robertson, director

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## Degrees and Programs

Emergency Services, A.S. .... 113

The EMERGENCY SERVICES program prepares students for the position of emergency medical technician (EMT) as well as other positions in related fields such as offices of emergency services and firefighting. Students who wish to continue their education upon completion of the program are academically prepared to enter paramedic school. Training includes vocational certifications in CPR, incident command, emergency vehicle operations, and emergency medical technician – basic.

Students are encouraged to gain practical experience while in the program. Working as an EMT or emergency department technician provides valuable experience as well as income. Volunteer opportunities are available through the local fire department and the ambulance company. Both organizations are largely staffed by college students and provide extra-curricular training as well as a way to serve the community. Many volunteer firefighters and EMTs from Angwin have used their training and experience to transition into paid positions.

## Major in Emergency Services, A.S.

A minimum of 49.5 hours

### ► Required Core Courses (21.5 hours):

EMER 101	Introduction to Emergency Services	3
EMER 104-105	Emergency Medical Technician-Basic	4-4
EMER 225	Public Health	3
EMER 235	Emergency Vehicle Operation	2
EMER 255	Emergency Scene Management	3
EMER 273	Emergency Medical Practicum	2
EMER 396	Emergency Services Seminar	.5

### ► Required Cognate Courses (28 hours):

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
BIOL 223	Medical Terminology	2
MGMT 261	Introduction to Management	3
MICR 134	General Microbiology	5
NURS 111	Pharmacology I	1
SPAN 105	Spanish for Health Care Professionals	3

At least one of the following courses: 4

SOCI 121	Introduction to Sociology (4)
<b>SOCI 232</b>	<b>American Social Problems (4)</b>

## Emergency Services

### Emergency Services

#### LOWER-DIVISION COURSES:

#### **EMER 101** **3 F** **Introduction to Emergency Services**

The scope and practice of the EMT at the different levels of certification/licensure. Topics include CPR, first aid, incident command, and leadership skills. Upon successful completion of the course, students will receive a California First Responder certificate.

#### **EMER 104-105** **4-4 W-S** **Emergency Medical Technician-Basic**

Emergency medical training necessary to provide pre-hospital basic life support to the sick and injured. Meets, in part, the requirements for California EMT-Basic certification. Must be 18 years old by course completion to be eligible for certification. Three lectures and one laboratory per week. Prerequisite: EMER 101 or CPR for the Healthcare Provider. EMER 104 or equivalent is a prerequisite for EMER 105.

#### **EMER 225** **3 W** **Public Health**

An overview of the American health system and public health education. Emphasis on the role of the pre-hospital medical provider in public health issues. Topics include disease prevention and treatment and the special concerns associated with the health of children and senior citizens; includes child and elder abuse. Prerequisite: EMER 105 or equivalent.

#### **EMER 235** **2 F** **Emergency Vehicle Operations**

The safe operation of emergency vehicles during all phases of use, including but not limited to emergency response. One lecture and one laboratory per week. Prerequisite: EMER 105 or equivalent and permission of the instructor.

#### **EMER 255** **3 S** **Emergency Scene Management**

Application of the nationally adopted incident command system to emergency scenes. Emphasizes proper use of resources, interfacing with allied agencies, and decision-making under stress. Prerequisite: EMER 105 or equivalent.

#### **EMER 273** **2 F, W, S** **Emergency Medical Practicum**

Application of skills from EMER 105 in a pre-hospital or hospital setting. Prerequisite: Current EMT certification by the LEMSA. Qualifies for IP grading.

#### **EMER 396** **.5 S** **Emergency Services Seminar**

Single topics of current interest in the emergency medical field presented by guest lecturers.