

## Lassen Community College Course Outline

### EMT 21 Emergency Medical Responder

2.5 Units

#### I. Catalog Description

This course meets public safety standards published by U.S. Department of Transportation's Emergency Medical Responder curriculum. The course will prepare the student for certification (two-year) by the Northern California Emergency Medical Service. This course is repeatable as necessary to maintain certification. Additional State Certification Fees will apply. This course has been approved for online and hybrid delivery.

#### **Diversity Statement**

*Our commitment to diversity requires that we strive to eliminate barriers to equity and that we act deliberately to create a safe and inclusive environment where individual and group differences are valued and leveraged for the growth and understanding as an educational community.*

**Recommended Preparation:** Successful completion of ENGL105 or equivalent multiple measures placement.

Transfers to CSU

40 Hours Lecture, 80 Expected Outside Class Hours, 8 Hours Lab, 128 Total Student Learning Hours.

Scheduled: Fall, Spring

#### II. Coding Information

Repeatability: Take one time

Open Entry/Open Exit: NA

Grading Option: Option

TOP Code: 125000

#### III. Course Objectives

##### A. Course Student Learning Outcomes

Upon completion of this course the student will be able to:

Recognize emergency situations and provide appropriate emergency treatment within the EMR scope of practice.

##### B. Course Objectives

Upon completion of this course the student will be able to:

1. Discuss EMS systems
2. Explain basic anatomy and physiology pertinent to the public safety level
3. Explain the mechanism of trauma, the signs and symptoms and current treatment modalities.
4. Explain life threatening medical emergencies, the signs and symptoms and current treatment modalities.
5. Demonstrate proficiency in lifting, moving, and carrying patients
6. Demonstrate proficiency in application of first aid for shock, fractures, and wounds.

7. Explain the required steps to manage an emergency childbirth
8. Demonstrate the ability to triage multiple individuals with injuries

#### **IV. Course Content**

- A. Emergency Medical Services System (EMS)**
- B. Rules and Responsibilities of the Emergency Medical Responder**
- C. Introduction to the Major Body Systems**
- D. Oxygen Therapy and Adjunctive Equipment**
  
- E. Steps in Rescue Scene and Patient Evaluation**
- F. Communications, Records and Reports**
- G. Trauma**
  1. Types, Care and Bandaging of Wounds and Injuries
  2. Signs, Symptoms and Treatment of Shock
- H. Medical Emergencies**
  1. Heart Attack and Heart Failure
  2. Stroke
  3. Convulsive Seizure
  4. Overdose
- I. Environmental Emergencies**
  1. Burns
  2. Smoke Inhalation
  3. Heat and Cold Emergencies
  4. Electrical Hazards
  5. Poisons
- J. Emergency Care of Fractures**
- K. Emergency Childbirth**
- L. Multiple Patient Management (Triage)**
- M. Vehicle Extrication**

#### **V. Assignments**

- A. Appropriate Readings**

Assigned reading in handout material.
- B. Writing Assignments**

Written examinations.
- C. Expected Outside Assignments**

Reading assignments in handout material.
- D. Specific Assignments that Demonstrate Critical Thinking**

Analyze emergency first aid situations and perform the necessary first aid procedures properly and efficiently.

#### **VI. Methods of Evaluation**

All students must complete all course hours and must achieve an 80% on their final class grade and must achieve a final exam grade of 80% or better to be eligible to take the NREMT certification examination.

##### **Traditional Classroom Instruction**

Term paper (topic choice, thesis statement, outline, bibliography, rough draft, final draft),

homework, classroom discussion, essay, journals, lab demonstrations and activities, multiple choice quizzes, and participation.

### **Hybrid Evaluation**

All quizzes and exams will be administered during the in person class time. Students will be expected to complete online assignments and activities equivalent to in class assignments and activities for the online portion of the course. Electronic communication, both synchronous and asynchronous (chat/forum) will be evaluated for participation and to maintain effective communication between instructor and students.

### **Online Evaluation**

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

## **VII. Methods of Delivery**

Check those delivery methods for which, this course has been separately approved by the Curriculum/Academic Standards Committee.

**Traditional Classroom Delivery**  Correspondence Delivery

Hybrid Delivery

Online Delivery

### **Traditional Classroom Instruction**

Lecture, PowerPoint, and other media presentations, discussions, scenarios, and group presentations.

### **Hybrid Delivery for Courses with a Lab**

Hybrid modality may involve face to face instruction mixed with online instruction. A minimum of 1/3 of instruction, including 100% labs, will be provided face to face. The remaining hours will be taught online through a technology platform as adopted by the district.

### **Online Delivery**

A variety of methods will be used, such as: research papers, asynchronous and synchronous (chat/forum) discussions, online quizzes and exams, posting to online website and email communications using the districts approved learning management system.

## **VIII. Representative Texts and Supplies**

No textbook is required for this course, instructor will provide handouts.

## **IX. Discipline/s Assignment**

Emergency Medical Technology, Nursing

## **X. Course Status**

Course Status: Active

Original Approval Date: April 23, 1996

Revised By: Christi Myers

Curriculum/Academic Standards Committee Revision Date: 11/29/2022