



# ILLINOIS VALLEY COMMUNITY COLLEGE

## COURSE OUTLINE

**DIVISION: Workforce Development**

**COURSE: EMS 2201 Emergency Medical Technician**

Date: Fall 2022

Credit Hours: 9

*Complete all that apply or mark "None" where appropriate:*

Prerequisite(s): None

Enrollment by assessment or other measure?  Yes  No

If yes, please describe:

Corequisite(s): None

Pre- or Corequisite(s): None

Consent of Instructor:  Yes  No

Delivery Method:  **Lecture**      **9 Contact Hours** (1 contact = 1 credit hour)  
 **Seminar**      **0 Contact Hours** (1 contact = 1 credit hour)  
 **Lab**      **0 Contact Hours** (2-3 contact = 1 credit hour)  
 **Clinical**      **0 Contact Hours** (3 contact = 1 credit hour)  
 **Online**  
 **Blended**  
 **Virtual Class Meeting (VCM)**

Offered:  **Fall**     **Spring**     **Summer**

**CATALOG DESCRIPTION and IAI NUMBER (if applicable):**

Emergency Medical Technicians provide out of hospital emergency medical care and transportation for critical and emergent patients who access the emergency medical services (EMS) system. EMTs have the basic knowledge and skills necessary to stabilize and safely transport patients ranging from non-emergency and routine medical transports to life threatening emergencies. Emergency Medical Technicians function as part of a comprehensive EMS response system, under medical oversight. Emergency

Medical Technicians perform interventions with the basic equipment typically found on an ambulance. Emergency Medical Technicians are a critical link between the scene of an emergency and the health care system.

### **ACCREDITATION STATEMENTS AND COURSE NOTES:**

The goal of the EMS program is to prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the Advanced Emergency Medical Technician and/or Emergency Medical Technician, and/or Emergency Medical Responder levels.

### **COURSE TOPICS AND CONTENT REQUIREMENTS:**

- I. Preparatory Module
  - a. Medical Terminology
  - b. Anatomy, Physiology, and Life span development
  - c. Pharmacology
  - d. EMS Systems and Workforces Wellness
  - e. Crew Resource Management
  - f. Legal Issues and Documentation
- II. Airway Management Module
  - a. Airway management
  - b. Respiratory emergencies
- III. Patient Assessment Module
  - a. Scene size-up
  - b. Primary assessment
  - c. Vitals signs
  - d. Secondary assessment
- IV. Medical Emergencies Module
  - a. Cardiovascular emergencies
  - b. Stroke
  - c. Medical overview and infectious diseases
  - d. Neurologic, endocrine, and hematologic emergencies
  - e. Toxicology and psychiatric emergencies
  - f. Gastrointestinal, urologic, immunologic, and gynecologic emergencies
- V. Shock/Trauma Module
  - a. Trauma Overview
  - b. Face, neck, head, and spine injuries
  - c. Chest and abdominal injuries
  - d. Orthopedic injuries
  - e. Environmental emergencies
- VI. Special Populations Module
  - a. Obstetrics
  - b. Pediatric emergencies
  - c. Geriatric emergencies and patients with special challenges
- VII. Operations Module
  - a. Professional issues and communications
  - b. Rescue and transport operations

## **INSTRUCTIONAL METHODS:**

Lecture  
Demonstrations  
Skills lab hands on practice  
Small Group Scenarios

## **EVALUATION OF STUDENT ACHIEVEMENT:**

Cognitive knowledge will be evaluated using written exams.  
Psychomotor skills will be evaluated using skills sheets developed by the National Registry of EMT's.

## **INSTRUCTIONAL MATERIALS:**

### **Textbooks**

American Academy of Orthopaedic Surgeons. (2021). *Emergency Care of the Sick and Injured* (Twelfth ed.). (Andrew Pollack, Ed.) Burlington, MA: Jones and Bartlett Learning.

American Heart Association. (2020). *Basic Life Support Provider*

### **Resources**

EMS Testing Access Card

## **LEARNING OUTCOMES AND GOALS:**

### **Institutional Learning Outcomes**

- 1) Communication – to communicate effectively;
- 2) Inquiry – to apply critical, logical, creative, aesthetic, or quantitative analytical reasoning to formulate a judgement or conclusion;
- 3) Social Consciousness – to understand what it means to be a socially conscious person, locally and globally;
- 4) Responsibility – to recognize how personal choices affect self and society.

### **Course Outcomes and Competencies**

1. Identify and evaluate signs and symptoms of patients.
2. Arrange the orderly transfer of patient care.
3. Document patient assessment and care activities accurately.
4. Operate and manage the emergency vehicle and its equipment