

# COURSE SYLLABUS

<b>LAST REVIEW</b>	Spring 2021
<b>COURSE TITLE</b>	Emergency Medical Responder
<b>COURSE NUMBER</b>	EMTC 0105
<b>DIVISION</b>	Health Professions
<b>DEPARTMENT</b>	Emergency Medical Education
<b>CIP CODE</b>	51.0904
<b>CREDIT HOURS</b>	5
<b>CONTACT HOURS/WEEK</b>	Class: 4                      Lab: 2
<b>PREREQUISITES</b>	None
<b>COURSE PLACEMENT</b>	Students must meet the correct placement measure for this course. Information may be found at: <a href="https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html">https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html</a>

## COURSE DESCRIPTION

This course provides the opportunity to gain the knowledge and develop the skills necessary to administer basic life support care to ill or injured patients. Upon completion with a grade of "C" or better, students are able to apply for certification as an Emergency Medical Responder in the state of Kansas. Due to State of Kansas requirements discussed at the first class, attendance of the first class session is mandatory.

## PROGRAM ALIGNMENT

This course is part of a program aligned through the Kansas Board of Regents and Technical Education Authority. For more information, please visit:  
[https://kansasregents.org/workforce\\_development/program-alignment](https://kansasregents.org/workforce_development/program-alignment)

## TEXTBOOKS

<http://kckccbookstore.com/>

## METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

## **COURSE OUTLINE**

Per DOT National Standard Curriculum and Kansas Protocol for Emergency Medical Responder Training.

### **I. Cardiopulmonary Resuscitation**

- A. Adult
- B. Child
- C. Infant

### **II. Preparatory**

- A. Introduction to Emergency Medical Care
- B. The Well-Being of the First Responder
- C. Legal, and Ethical Issues
- D. The Human Body
- E. Pathophysiology
- F. Pharmacology
- G. Baseline vital Signs and History Taking
- H. Preparing to Lift and Move Patients

### **III. Airway**

- A. Airway Management
- B. Ventilation
- C. Oxygen Therapy

### **IV. Patient Assessment**

- A. Scene Size-Up
- B. Patient Assessment
- C. Assessment of Geriatric Patients
- D. Communication
- E. Documentation

### **V. Medical**

- A. Chest Pain
- B. Respiratory Emergencies
- C. Environmental Emergencies
- D. Behavioral Emergencies
- E. Cardiac
- F. Abdominal Emergencies
- G. Allergic Reaction
- H. Altered Mental Status
- I. Diabetic Emergencies
- J. Poisonings
- K. OB/GYN



## VI. Trauma

- A. Mechanisms of Injury: Kinetics of Trauma
- B. Bleeding and Shock
- C. Soft Tissue Injuries
- D. Burn emergencies
- E. Musculoskeletal injuries
- F. Injuries to the Head
- G. Injuries to the Spine
- H. Eye, Face, and Neck Injuries
- I. Chest, Abdomen, and Genitalia injuries
- J. Agricultural and industrial Emergencies

## VII. Patient Populations

- A. Pediatric
- B. Adult
- C. Geriatric
- D. Patients with Special Challenges

## VIII. EMS Operations

- A. Principles of Emergency Response/Transportation
- B. Incident Management/Hazardous Response/Terrorism
- C. Multi-Casualty Incidents/Triage
- D. Air Medical Transport

## **COURSE LEARNING OUTCOMES**

Upon successful completion of this course, the student will:

- A. Demonstrate proficiency in adult child & infant CPR procedures and skills.
- B. Demonstrate responsibilities and well-being of the Emergency Medical Responder.
- C. Discuss medical, legal, ethical & human issues of pre-hospital care.
- D. Discuss anatomical structures and the function, obtaining vital signs and history taking.
- E. Demonstrate the correct procedures and techniques for obtaining vital signs.
- F. Demonstrate correct procedures and techniques for managing a patient's airway.
- G. Perform a complete patient assessment.
- H. Discuss nature, signs & symptoms & management of medical emergencies.
- I. Discuss mechanism, signs & symptoms & management of trauma.
- J. Discuss the management of care for the pediatric, adult, geriatric, and patients with special challenges populations.
- K. Discuss the principles of emergency responses and operations.

## **ASSESSMENT OF COURSE LEARNING OUTCOMES**

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

## **COLLEGE POLICIES AND PROCEDURES**

*Student Handbook*

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

*College Catalog*

<https://www.kckcc.edu/academics/catalog/index.html>

*College Policies and Statements*

<https://www.kckcc.edu/about/policies-statements/index.html>

*Accessibility and Accommodations*

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.