# Fundamentals of Emergency Services Course No. 14055 Credit: 0.5

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| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Health Science (51.3901)

Course Description: **Technical Level:** This course places a special emphasis on the knowledge and skills needed in medical emergencies. Topics typically include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. The courses may also cover the legal and ethical responsibilities involved in dealing with medical emergencies. Not a certifying course.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Introduction to Emergency Medical Services

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Define and describe emergency medical services. |  |
| 1.2 | Identify careers in emergency medical services (emergency first responder, Emergency Medical Technician (EMT), Advanced EMT, Paramedic). |  |
| 1.3 | Identify and describe common situations where emergency medical technology services is used (including first aid, first responder, emergency medical treatment). |  |
| 1.4 | Identify various types of clients and how emergency medical services can support meeting those needs (including children, aging adults, adults, and physical disabilities). |  |
| 1.5 | Identify regional business that offer emergency medical technology services. |  |
| 1.6 | Identify the education, certifications and skills needed to work in emergency medicine. |  |
| 1.7 | Identify the common job duties of an emergency medical technician. |  |
| 1.8 | Identify common emergencies and illnesses. |  |

## Benchmark 2: legal

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Describe the legal and ethical standards of emergency medicine. |  |
| 2.2 | Understand the scope and importance of confidentiality. |  |
| 2.3 | Understand the concepts of Scope of Practice and Standing Orders. |  |
| 2.4 | Identify local, state, and national regulations and laws pertaining to working with or assisting patients. |  |

## Benchmark 3: Human Body

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Explain and demonstrate the basic knowledge human body systems. |  |
| 3.2 | Identify directional terms, anatomical planes and body position. |  |
| 3.3 | Identify and describe key components of the skeletal system. |  |
| 3.4 | Identify and describe key components of the muscle system. |  |
| 3.5 | Identify and describe key components of the circulatory system. |  |
| 3.6 | Identify and describe key components of the nervous system. |  |

## Benchmark 4: Patienty Care

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | Identify and demonstrate the 6 standards of practice (Assessment, Diagnosis, Outcome Identification, Planning, Implementation, and Evaluation). |  |
| 4.2 | Identify and demonstrate standards of professional performance. |  |
| 4.3 | Demonstrate effective communication (verbally and non-verbally). |  |
| 4.4 | Understand how accurate observations, recording and reporting are critical to effective care. |  |
| 4.5 | Recognizes individual and cultural differences. |  |
| 4.6 | Recognizes reaction to illness and disability. |  |
| 4.7 | Exhibits professional conduct. |  |

## Benchmark 5: Patient Assessment

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 5.1 | Identify and describe the techniques for assessing mental status and level of consciousness. |  |
| 5.2 | Identify and describe the techniques for assessing the patient’s respiratory function. |  |
| 5.3 | Identify and describe the techniques for the patient’s cardiovascular function. |  |
| 5.4 | Identify and describe the techniques for assessing the patient for external bleeding. |  |
| 5.5 | Identify and describe the techniques for assessing the patient's skin color, temperature, condition, and capillary refill. |  |
| 5.6 | Identify and describe appropriate tests and measurements for a variety of client types. |  |
| 5.7 | Examine patients/clients by obtaining a history from them and from other sources. |  |
| 5.8 | Examine patients/clients by performing systems reviews. |  |
| 5.9 | Describe an assessment of the medical patient and a trauma patient. |  |
| 5.10 | Identify various normal and abnormal findings during a patient assessment. |  |

## Benchmark 6: First Aid Assessment & Management

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 6.1 | Identify common signs and treatment for performing first aid for fractures, dislocations, sprains, and strains. |  |
| 6.2 | Identify common signs and treatment for performing first aid for seizures. |  |
| 6.3 | Identify common signs and treatment for performing first aid for a choking victim. |  |
| 6.4 | Identify common signs and treatment for performing first aid for an unconscious victim. |  |
| 6.5 | Identify common signs and treatment for performing first aid for controlling various types bleeding. |  |
| 6.6 | Research and identify common technologies, resources, supplies and common items to assist in first aid. |  |
| 6.7 | Research and identify differences in commonly used resources in the field verses a hospital setting. |  |
| 6.8 | Describe the proper technique for CPR. |  |
| 6.9 | Describe the proper technique for use of an AED. |  |

## Benchmark 7: interventions

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 7.1 | Identify procedures to move, position and drape a patient. |  |
| 7.2 | Describe proper oxygenation techniques for various medical patients. |  |
| 7.3 | Discuss the medications that Basic EMT's may administer. |  |
| 7.4 | Discuss various dispositions available for the medical patient including priority transport, non-emergency transport and treat and release. |  |

## Benchmark 8: Safety

### Competencies

| **#** | **Description** | **RATING** |
| --- | --- | --- |
| 8.1 | Identify possible accident prevention and appropriate proper safety techniques. |  |
| 8.2 | Identify key bloodborne pathogens and common infectious diseases encountered in the pre-hospital setting. |  |
| 8.3 | Demonstrate standard safety procedures, including proper personal safety techniques. |  |
| 8.4 | Research and identify local, state and national safety requirements. |  |
| 8.5 | Accept responsibility for personal well-being and practice and follow safety guidelines. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

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[pathwayshelpdesk@ksde.org](mailto:pathwayshelpdesk@ksde.org)



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