



Emergency Medical Technician Syllabus



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Introduction

Vision

The vision of the Emergency Medical Technician Program is to achieve the scope of prehospital emergency medical service in such way based on the most updated prehospital worldwide protocols which as the first priority aims to save lives of residents In KSA, this is a leading program in graduating competent Emergency Medical Technicians in order to meet the country needs of the Emergency Medical Services in Saudi healthcare system in alignment with Vision 2030.

Mission

Trainees who complete the Emergency Medical Technician (EMT) program will apply scientific knowledge while utilizing effective communication and interpersonal skills in the techniques considered being within the scope of practice of ambulance personnel and others engaged in the delivery of emergency services. Trainees will participate in classroom, hospital and field settings. Upon successful completion of both the written and practical examinations, the student will be eligible to sit for the certifying examination administered by the Saudi commotion for health specialties.

Overview

Program Description

Health Academy (HA), affiliated with the Saudi Commission for Health Specialties, developed a training program for essential response to prehospital emergencies (EMT-Basic curriculum).

The Emergency Medical Technician-Basic (formerly the EMT-Ambulance) is a vital link in the chain of the healthcare team. It is well-known that the EMT-Basic will provide most prehospital emergency medical care.

This 12-months program has been benchmarked with multiple international EMT programs. In which, adapted for relevance, appropriateness, and need for the Saudi Commission for Health Specialties. It is intended to introduce and prepare the participants for emergency care in both medical and trauma emergencies in the prehospital settings, which includes but is not limited to skills necessary to provide emergency medical care at a basic life support level with ambulance services or other specialized services.

Emergency Medical Technicians are part of a comprehensive EMS response system under medical oversight. They can perform essential interventions using equipment typically found in an ambulance. EMTs are a critical link between the scene of the prehospital field and the health care system. They also serve as liaisons with other emergency services.

This program should provide an introduction to these concepts. Individual orientation to the specific systems and services with which the EMT-Basic will be affiliated is necessary to achieve a fundamental level of competency.

Upon successfully completing this program and passing the qualifying exam, graduates will be eligible for the Saudi Commission for Health Specialties EMT certification degree.

Program Learning Outcomes

By the end of this program, the student will be able to:

Program competencies

1. Integrate basic, clinical, behavioral, and social sciences in prehospital care practice.
2. Triage patients.
3. Manage patients with common traumatic, mental, and medical pathologies
4. Identify and manage specific clinical problems.
5. Function in a disaster response system.
6. Coordinate the responses of several public safety responders.
7. Ensure scene safety.
8. Follow instructions of online medical controllers.
9. Carry out protocols of offline medical controllers.
10. Use clinical reasoning, decision-making, and problem-solving skills.
11. Perform specific clinical interventions.
12. Administer medications.
13. Use medical, communication, and information technologies in prehospital care.
14. Practice teamwork and inter-professional collaboration.
15. Communicate effectively.
16. Remain calm during periods of high stress.
17. Preserve patient confidentiality.
18. Maintain a high level of ethical conduct.

Training Delivery Mode

1. Lectures
2. Practical Session (Lab/Clinics)
3. Group Discussion
4. Clinical Attachment
5. Self-Study Session
6. Virtual meetings, discussions...etc.

Duration

The duration of this program is 12 months Divided into 7 blocks and an internship

Program

Block	Module	Duration
1	Prep-Block	6 Weeks
2	Introduction to Emergency Medical Care	2 weeks
	Basic Life Support and Patient Assessment	
3	Trauma	12 weeks
4	Medical Emergencies	12 weeks
5	Special Population Emergencies	6 weeks
6	Decision Making in EMT Practice	6 weeks
	Ambulance Operations	
7	Internship	4 weeks

Passing Requirements & Grading System

(The evaluation should be done as follows)

Grading system of block (2)

- Attendance and punctuality: 20%
- Group discussion: 10%
- Case scenarios / Simulation: 30%
- End of modules exam: 40%

Grading system of block (3-4-5-6)

- Attendance and punctuality: 20%
- Problem Based Learning 10%
- Assignments & Quizzes :10%
- Case scenarios / Simulation: 20%
- End of modules exam: 40%

Practical evaluation: Clinical competencies, Objective Structured Clinical Examination (OSCE), or Structured Oral Exam (SOE)

Students' knowledge and skill(s) will be evaluated using the Global Rating Scale during their OSCE:

- Situational Awareness.
- History Gathering.
- Patient Assessment.
- Decision Making.
- Resource utilization.
- Communication
- Procedural Skill.

The passing score is 60%

Trainee Responsibilities

- 1- Be respectful to the training faculty and colleagues.
- 2- Conduct themselves in a professional way at all times.
- 3- Be responsible for their participation in their programs.
- 4- Be a part of a learning community of staff and trainees displayed through their attendance and engagement. Respect the program faculty and fellow trainees.
- 5- Maintain the highest standards of honesty, effort, and performance.
- 6- Read the assigned material prior to the session.
- 7- Bring all their necessary materials to class.
- 8- Review course contents and be prepared to discuss the topics in the class.
- 9- Ask for clarification if anything is unclear during the lecture.
- 10- Provide their colleagues with help through discussions and practical sessions.
- 11- Complete their modules on time as specified.
- 12- Complete all exercises and quizzes during the course according to timeframes given by the course faculty.
- 13- Complete all Assignments for the specified criteria
- 14- Respect diverse ideas and people.
- 15- Demonstrate academic integrity and honesty.
- 16- Identify, develop, and implement a plan to achieve their educational goals.
- 17- Communicate in a professional manner with instructors, peers, and other team members of the program.
- 18- Comply with all program policies that are outlined in the syllabus.

COURSE TEXTS/ READING MATERIALS AND RESOURCES:

- EMT-Basic: National Standard Curriculum
- Mosby's EMT-basic Textbook
- Mosby's Paramedic Textbook
- Nancy Caroline's Emergency Care in the Streets