

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	EM 103 Emergency Medical Technician-Basic
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Credit Hours	8
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Course Description	This course is designed to instruct the student to the level of Emergency Medical Technician-Basic. This includes skills necessary for the individual to provide basic life support with fire, ambulance, or other specialized service. Students will learn the proper procedure of performing a detailed patient assessment by obtaining pertinent medical history and performing a hands-on physical assessment. The student will learn immobilization techniques to stabilize an unstable spine as well as other fractures determined by the mechanism of injury. The use of AED (Automated External Defibrillator) and Cardiopulmonary Resuscitation is also included. This course is in compliance with Ch. 16, Article 4C of the West Virginia code (EMS Act) and West Virginia Division of Health Legislative Rules, Title 64, Series 48, Emergency Medical Services. This course follows the 120-hour DOT approved curriculum.
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Prerequisite(s) and/or Corequisite(s)	
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**Required Textbooks/References/Course Materials:**

Emergency Care and Transportation of the Sick and Injured - with Access and Student Workbook	11th	American Academy of Orthopaedic Surgeons (AAOS)	Jones & Bartlett	1284116581
Nancy Caroline's Emergency Care in the Streets, Flipped Classroom	1st	AAOS	Jones & Bartlett Publishing	1284180638

General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program/Department Outcomes	
1	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 <b>Emergency Medical Technician</b> , and/or Emergency Medical Responder levels.

	Course Outcomes (CO) For Emergency Medical Technician	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Cognitive knowledge level expected of an entry level EMT and as necessary to function in a healthcare setting	C-Appling-3	1	1	1	1	1	1	1
2	Demonstrate the ability to perform the following: assess the patient's condition, perform CPR, deal with blood loss, administer bandages, manage respiratory problems, provide treatment for common injuries, and emergency childbirth	C-Appling-3	1	1	1	1	2	1	1
3	Collect data from charts and patients and appropriately interpret that data.	A-Internalizing values-5	1	1	1	2	1	2	1
4	Formulate appropriate therapeutic procedures and make sound patient care judgments as expected of an entry level EMT.	A-Organization-4	1	1	1	1	1	1	1
5	Communicate and interact effectively with non-clinical and clinical persons in various healthcare and scene environments.	P-Embody-5	1	1	2	1	1	1	1
6	Present oneself in an ethical and professional manner	P-Imitate-1	1	1	1	1	1	1	1
7	Use critical thinking skills to assess and treat patients in emergency settings	C-Evaluating-5	1	1	1	1	2	1	1
8	Use essential skills needed for all emergency medical technicians (EMTs) teamwork, ability to navigate challenging situations, think creatively, mental toughness, situational awareness.	P-Manipulate-2	1	1	1	1	2	1	1

Bloom's Domain Legend

C = Cognitive  
A = Affective  
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable  
1 = Introduced and/or Minimally Addressed and Not Measurable  
0 = Not included

Approved: May 2021  
Reviewed: October 29, 2021