

Print Date: 10/12/17  
**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Emergency Medical Technician  
**Prefix and Course Number:** EMS 129

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- describe the roles and responsibilities of the EMT-basic
- list the safety precautions required of the EMT-basic
- discuss the emotional aspects of emergency care aspects of emergency care
- discuss the ethical/medical/legal responsibilities of an EMT-basic
- identify the anatomy, physiology, and body systems
- assess and record a patient's vital signs
- lift and move patients
- use equipment to maintain open airways
- describe and demonstrate the method of assessing trauma, medical and legal complaints
- write a variety of reports
- recognize the signs and symptoms of the following:
  - diabetes/altered mental status
  - allergies
  - poisoning/overdose
  - environmental emergencies
  - behavioral emergencies
  - obstetrics/gynecology
  - musculoskeletal
  - injuries to the head, chest, spine, and abdomen
  - differentiate between the care methodologies of children and adults
  - describe the phases of an ambulance call
  - operate emergency vehicles
  - describe the roles and responsibilities at a crash scene
  - assess hazardous materials according to a given scenario

**Course Outline:**

- I. Introduction to Emergency Care
  - A. Well-being of the EMT-basic
  - B. Medical/Legal Ethical Issues
  - C. The Human Body
  - D. Baseline Vital signs and Sample History
  - E. Lifting and Moving Patients
  - F. Airway
  - G. Practical Skills Lab - Airway

- II. Initial Assessment
  - A. Scene Size-up
  - B. Focused History and Physical Exam- Trauma
  - C. Focused History and Physical Exam-Medical
  - D. Detailed Physical Exam
- III. On-going Assessment
  - A. Communication
  - B. Documentation
  - C. Practical Skills Lab: Patient Assessment
- IV. Medical/Behavioral Emergencies I
  - A. General Pharmacology
  - B. Respiratory Emergencies
  - C. Cardiovascular Emergencies
  - D. Diabetes/Altered Mental State
  - E. Allergies
  - F. Poisoning/Overdose
  - G. Environmental Emergencies
  - H. Behavioral Emergencies
  - I. Obstetrics/Gynecology
  - J. Practical Skills lab: Medical/Behavioral Emergencies
- V. Medical/Behavioral Emergencies II
  - A. Bleeding and Shock
  - B. Soft Tissue Injuries
  - C. Musculoskeletal Care
  - D. Injuries to the Head, Spine, Chest and Abdomen
  - E. Practical Skills Lab: Trauma
  - F. Infants and Children
  - G. Practical Skills Lab: Infants and Children
- VI. Operations
  - A. Emergency Vehicle Operations
  - B. Gaining Access
- VII. Comprehensive Finals
  - A. Medical
  - B. Trauma