

# Virginia Western Community College

## EMS 111

### Emergency Medical Technician

#### **Prerequisites**

Prerequisite is EMS 100 CPR for Healthcare Providers or CPR certification at the Health Care Provider level. Co-requisite is EMS 120

#### **Course Description**

Prepares student for certification as a Virginia and National Registry EMT. Includes all aspects of pre-hospital basic life support as defined by the Virginia Office of Emergency Medical Services curriculum for Emergency Medical Technician.

**Semester Credits: 7    Lecture Hours: 5    Lab/Clinical/Internship Hours: 4**  
**Required Materials**

#### **Textbook:**

[Click here to enter text.](#)

#### **Other Required Materials:**

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#### **Course Outcomes**

**At the completion of this course, the student should be able to:**

- Pass Virginia EMS certification
- Pass National EMS certification
- Demonstrate achievement of the objectives from the Virginia Office of Emergency Medical Services Standard Curriculum

#### **Topical Description**

1. Preparatory: Intro to EMS, Well-being of the EMT-B, Medical/Legal Issues, The Human Body, Baseline Vital Signs and SAMPLE, and Lifting and Moving Patients
2. Airway: Gaining and maintaining an airway in a patient, provide ventilatory support for a patient
3. Patient Assessment: Provide a comprehensive assessment for a patient of and illness and/or injury
4. Medical Emergencies: Provide care for patients with various illnesses
5. Trauma Emergencies: Provide care for patients with various injuries
6. Infants and Children: provide care for various illnesses and injuries for pediatric patients
7. Ambulance Operations: Integrating the EMT-B into the overall EMS system. Incident Command System Overview, Weapons of Mass Destruction Awareness, Hazardous Materials Awareness, Terrorism Awareness

#### **Notes to Instructors**

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