

**J. Sargeant Reynolds Community College
Course Content Summary**

Course Prefix and Number: EMS 113

Credits: 3

Course Title: Emergency Medical Technician II

Course Description: Continues preparation of student for certification as a Virginia and/or 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. Upon successfully completing EMS 113 and EMS 120 with an overall grade average of at least 80, the student will be able to take the National Registry EMT Written and Practical Examinations. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: This course, along with EMS 112 and 120, is meant for students wishing to serve in positions within public safety (police, fire, and EMS). It also serves as a basis to proceed to paramedic and other positions in medicine.

Course Prerequisites and Co-requisites:

Prerequisites:

- a. EMS 112
- b. Current CPR card (See EMS 112 CPR Requirements)
- c. Other requirements as listed in the course prerequisites for EMS 112

Co-requisite:

- a. EMS 120

Course Objectives:

Upon completing this course, the student will be able to:

- a. Understand musculoskeletal traumatic and non-traumatic fractures;
- b. Understand and apply splints to stabilize fractures of the upper and lower extremities as well as the central body;
- c. Understand the pathophysiology of head, spine and spinal canal, face, neck, chest, abdomen, and genitourinary system traumas;
- d. Apply a cervical collar and proper patient placement on a long backboard;
- e. Identify and treat the multisystem trauma patient;
- f. Understand trauma level designations of receiving hospitals;
- g. Identify and apply appropriate patient selection transport to specific trauma centers;
- h. Understand obstetrics within the EMT's scope of practice;
- i. Understand and be able to perform an uncomplicated delivery;
- j. Discriminate between the appropriate treatments, special needs, and challenges based on patient age groups: pediatric, geriatric, and special needs patients; and
- k. Understand EMS operations, including hazardous materials, incident command, and patient extrication.

Major Topics to Be Included:

- a. Trauma (Part II).
- b. Special Patient Populations
- c. EMS Operations

Effective Date of Course Content Summary: January 1, 2014