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**COURSE SYLLABUS**

**DIVISION:** Workforce Services

Revised: January, 2015

**CURRICULUM IN WHICH COURSE IS TAUGHT:**

Emergency Medical Technology Career Studies Certificate

**COURSE NUMBER AND TITLE:**

EMS 112 INTRODUCTION TO EMERGENCY MEDICAL TECHNICIAN-Basic I

**CREDIT HOURS:** 4

**HOURS WEEK LECTURER:** 3

**HOURS WEEK LAB:** 2

**LECTURE/LAB COMBINATION:** 3 (2)

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- I. CATALOG DESCRIPTION:** This course provides instruction and prepares the student for certification as a Virginia and/or National Registry EMT-Basic. Includes all aspects of pre-hospital basic life support as defined by the Virginia Office of Emergency Medical Services curriculum for Emergency Medical Technician Basic.
- II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES IN WHICH IT IS TAUGHT.** A curriculum objective is to give students a general overview of basic anatomy and physiology and provide students an opportunity to learn the necessary skills needed to pass the State written and practical EMT Exam.
- III. REQUIRED BACKGROUND:** General Admission to the College.
- IV. COURSE CONTENT:**
- **Preparing to Be an EMT-B**
    - Introduction to the Emergency Medical Care
    - The Well-Being of the EMT-B
    - The Human Body
    - Vital Signs and Patient History
    - Lifting and Moving Patients
  - **AIRWAY**
    - The Mechanics of Breathing
    - Airway and Ventilation
    - Airway Adjuncts and Oxygen Equipment
    - Advanced Airway Management
  - **PATIENT ASSESSMENT**
    - Scene Size-up and Initial Assessment
    - Patient Assessment
    - Communications and Documentation

**V. LEARNER OUTCOMES**

**VI. EVALUATION:**

<p>Students should become familiar with Emergency Medical Care, the well-being of the EMT-B, Medico-legal and Ethical Issues, The Human Body, Vital Signs and Patient History, and Lifting and Moving Patients.</p> <p>Students should be able to recognize cardiac arrest and provide basic life support.</p> <p>Students should be able to describe unique needs for assessing a patient.</p>	<p>Oral readings, workbook assignments, practicals, lab exercises, quizzes and tests</p>
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**The course supports the following objectives:** DCC Educational Objectives

1. Communication
2. Critical Thinking
3. Interpersonal Skills and Human Relations
4. Computational and Computer Skills
5. Understanding Culture and Society
6. Wellness