

COURSE INFORMATION

COURSE PREFIX/NO: EMS 111
COURSE TITLE: INTERMEDIATE EMERGENCY CARE
LECTURE HOURS/WEEK: 4
LAB HOURS/WEEK: 3
CREDIT HOURS: 5

[Distance Learning Attendance/VA Statement](#)
[Textbook Information](#)

COURSE DESCRIPTION

This course is a study of the concepts and skills related to general patient assessment, initial management of life threatening emergencies, airway management, pulmonary ventilation and oxygen administration, the pathophysiology of shock and treatment modalities for the shock syndrome, and pharmacological actions of groups of drugs and fluids. Emphasis is placed on administration of medication and fluid therapy, basic vehicle extrication, and rescue.

COURSE COMPETENCIES

Upon successful completion of EMS 111, the student will be able to:

Module 1: Introduction to Advanced Prehospital Care

Section 1: Introduction to Advanced Prehospital Care

Identify the world of paramedicine and the DOT paramedic curriculum

Section 2: The Well-Being of the Paramedic

Explain safe practices crucial to the survival of the paramedic in EMS

Section 3: EMS Systems

Outline the history of EMS and of EMS today

Section 4: Roles and Responsibilities of the Paramedic

Identify expectations and responsibilities of the modern paramedic

Section 5: Illness and Injury Prevention

Explain the importance of illness and injury prevention in EMS, emphasizing scene safety and the safety of all rescuers

Section 6: Medical/Legal Aspects of Advanced Prehospital Care

Explain civil law as it applies to prehospital care and the paramedic

Section 7: Ethics in Advanced Prehospital Care

Recognize the fundamentals of medical ethics

Section 8: General Principles of Physiology and Pathophysiology

Explain how basic physiology and pathophysiology are relevant to advanced prehospital care

Section 9: General Principles of Pharmacology

Explain how basic pharmacology is relevant to advanced prehospital care

Section 10: Intravenous Access and Medication Administration

Demonstrate the skills of intravenous therapy and medication administration in advanced prehospital care

Section 11: Therapeutic Communications

Demonstrate the skills and techniques of communication between the paramedic and the patient

Section 12: Life-Span Development

Outline the physiological and psychosocial characteristics of developmental stages from infancy through late adulthood

Section 13: Airway Management and Ventilation

Demonstrate the skills of airway management and ventilation that apply to the advanced level of prehospital care

Module 2: Patient Assessment

Section 1: The History

Outline the basic components of a complete health history

Section 2: Physical Exam Techniques

Demonstrate the techniques of conducting a comprehensive physical exam

Section 3: Patient Assessment in the Field

Outline a practical approach to conducting problem-oriented history and physical exams

Section 4: Clinical Decision Making

Outline the basic steps in making clinical decisions

Section 5: Communications

Define communication

Identify the key components that link every phase of communication during an EMS run

Section 6: Documentation

Demonstrate how to write a prehospital care report (PCR)

COURSE REQUIREMENTS

1. Students are expected to adhere to the policies regarding student conduct as stated in the current York Technical College Catalog and Handbook.
2. Students are responsible for attending all scheduled classes in EMS 111. Regular attendance and class participation are essential to student success in EMS 111. Students who are absent from scheduled classes/clinical for more than 10% of the scheduled hours will be withdrawn.
3. Students are responsible for all material covered and for completing all assignments.
4. **Students must satisfactorily complete** all required skill competencies.
5. **Students must complete** module exams, quizzes and homework assignments with an average score of 80%. **Students must have a *MINIMUM SCORE OF 80% TO SUCCESSFULLY COMPLETE THIS COURSE!***

ATTENDANCE

This course is taught from the NHTSA's DOT current paramedic curriculum. Students are responsible for attending all scheduled classes in EMS 111. Students must attend a minimum of 90% of all scheduled activities. Students who are absent from scheduled classes/clinical for more than 10% of the scheduled hours will be withdrawn.

ACADEMIC INTEGRITY

Any student found guilty of cheating, dishonesty, or plagiarism will be given a grade of "0" on an exam or written work and will be subject to further disciplinary action. Plagiarism refers to "The act of appropriating the literary composition of another, on parts or passage of his writings, on the ideas or language of the same, and passing them off as the product of one's own mind."

METHODS OF INSTRUCTION

Lecture, assigned readings, audiovisuals, handouts, written assignments, discussion, demonstration, and lab experience.

MINIMAL STANDARDS

Attendance/Participation: Given a course outline, the student will attend and actively participate in a minimum of 90% of scheduled class sessions. The course requirements must be completed in order. All current SC DHEC EMS Division Policies and Procedures will apply to the EMT-P Training Program.

Performance: Upon completion of assigned readings, classroom presentations/demonstrations/practice, out-of-class activities and other assigned course activities. The student will demonstrate all competencies as required by current SC DHEC EMS Division Policies and Procedures.

EVALUATION STRATEGIES/GRADING

A. Lab/Clinical Component

Satisfactory completion of the following skill competencies:

Random Basic Skills	LMA Insertion
Medication Administration	Orotracheal Intubation
Patient Assessment – Medical Adult	Nasotracheal Intubation
Patient Assessment – Trauma Adult	Dual Lumen Airway Insertion
Patient Assessment – Medical Pediatric	Venous Access (IV/IO/EJV)
Patient Assessment – Trauma Pediatric	Sterile Suctioning
Airway Interventions – Basic	Chemstrip/BGL/Glucometer Analysis
Rapid Sequence Induction (RSI)	

B. Theory Component

The final grade in EMS111 will be determined by averaging the scores on the following:

In-course Module Exams	75%
Homework/Quizzes	25%
*Combination of above	100%

Must have a *MINIMUM SCORE OF 80% TO SUCCESSFULLY THIS COURSE!

Grading Scale for EMS 111

A	91-100%
B	86-90%
C	80-85%
D	70-79%
F	Below 69%

ENTRY-LEVEL SKILLS

Students must be an Intermediate EMT prior to course and must be affiliated with an Emergency Medical Services (EMS) or Rescue Squad/Fire Department SC DHEC EMS Provider through course completion.

Students must maintain current SC DHEC EMS Division Intermediate EMT status through course completion.

Students must maintain current BCLS credential as per SC DHEC EMS Division through course completion.

Students must successfully complete ASSET or HOBET *prior to* entrance into course.

Students must meet all above criteria and must meet all requirements for function as an Emergency Medical Technician as outlined in the current Americans with Disabilities Act.

PREREQUISITES: Admission to York Technical College
Completion of Anatomy and Physiology as per SC DHEC EMS Policy
SC DHEC EMS Intermediate EMT

CO-REQUISITES: EMS 115, EMS 116, EMS 120, and EMS 220

Disabilities Statement: Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Offices (SR) at 803-327-8007 in the 300 area of Student Services. The SRO coordinates reasonable accommodations for students with documented disabilities.

Effective: Spring 2009