

EMERGENCY MEDICAL SERVICES (EMS)

EMS 0000 Public Safety Telecommunication

Clock Hours: 232

Lab Fee: Yes

This course will prepare students for employment as a dispatcher: police, fire, ambulance. The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health and safety including CPR.

EMS 1059 First Responder: Emergency Care

Credit Hours: 3

Lab Fee: Yes

The term first responder has been applied to the first individual who arrives at the scene regardless of credential held by that individual. This course provides students with the core knowledge, skills and attitudes to function in the capacity of a first responder as an integral part of the emergency medical services (EMS) system. On successful completion of this course, students are qualified to take the National Registry of EMT First Responder certifying examination.

EMS 1119 Emergency Medical Technician

Credit Hours: 7

Corequisites: EMSL 1119 and EMS 1431

This course prepares students for employment as emergency medical technicians to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials. The course prepares students for certification as EMT's in accordance with Chapter 64J of the Florida Administrative Code. This is the initial level for a career in emergency medical services and the primary prerequisite for paramedic training and certification. This course must be passed with a grade of "C" or higher.

EMS 1431 EMT Clinical Experience

Credit Hours: 2

Corequisites: EMS 1119 and EMSL 1119

Lab Fee: Yes

This course is designed to develop the skills necessary for the candidate to attain State of Florida or national registry certification as an emergency medical technician (EMT). It emphasizes the field expertise and skills of hospital emergency and ambulance care procedures at the EMT level. This course must be passed with a grade of "C" or higher.

EMS 1930 Special Topics in Leadership for EMS

Credit Hours: 2

Prerequisites: Completion of Paramedic Program

This course is designed to provide the paramedic student an awareness of the challenges and issues confronting EMS leadership and management.

EMS 2010 Anatomy and Physiology for the Paramedic

Credit Hours: 3

Basic information regarding the structure and function of the human body is presented in this course. The general concepts of anatomy and physiology to assist in the assessment and management of emergency patients by the paramedic in the pre-hospital field area are emphasized. Nervous, cardiovascular and respiratory systems are covered along with United States Department of Transportation (USDOT) National Standard Paramedic Curriculum Anatomy and Physiology objectives.

EMS 2603 Paramedic 1

Credit Hours: 9

Prerequisites: EMS 1119, EMSL 1119, and EMS 1431 - all courses with a grade of "C" or higher

Corequisites: EMSL 2603 and EMS 2664

This is the first course in the sequence necessary for completion of the Paramedic Certificate curriculum. The course is designed to reinforce concepts and clinical skills learned at the EMT level and to integrate this knowledge with beginning advanced life support concepts and skills. Emphasis is placed on EMS Systems, illness and injury prevention, medical-legal issues, patient assessment, airway management and ventilation, pathophysiology, pharmacology, shock, and decision making regarding appropriate interventions for identified problems. This course includes Modules 1, 2, and 3 of the DOT National Standard Curriculum for Paramedic Program.

EMS 2604 Paramedic 2

Credit Hours: 9

Prerequisites: EMS 2603, EMS 2664, and EMSL 2603 - all courses with a grade of "C" or higher

Corequisites: EMSL 2604 and EMS 2665

Lab Fee: Yes

This is the second course in the sequence necessary for completion of the Paramedic Certificate curriculum. Emphasis is placed on patient assessment and recognition of significant findings, pre-hospital diagnosis and differential diagnosis, treatment strategies, anatomy and physiology, pathophysiology, trauma and the management of respiratory emergencies, cardiac emergencies, endocrine and metabolic emergencies, neurological emergencies, gastrointestinal/genitourinary emergencies, toxicological emergencies, environmental conditions, pre-hospital differential diagnosis and treatment strategies, gynecologic emergencies, obstetrical emergencies, neonatal emergencies, pediatric emergencies, patients with special challenges, and assessment based management. This course adheres to the National Highway Traffic Safety Administration (NHTSA) National Emergency Medical Services (EMS) Educational Standards for Paramedic Education.

EMS 2605 Paramedic 3

Credit Hours: 8

Prerequisites: EMS 2604, EMS 2665, and EMSL 2604 - all courses with a grade of "C" or higher

Corequisites: EMSL 2605 and EMS 2659

The purpose of this portion of didactic classes is to ensure the student is ready to transition to the working world as a paramedic. They will be taught local protocols in order to enhance their internship with the fire departments they ride with. Advanced surgical skills such as surgical cricothyrotomy, needle cricothyrotomy, and femoral venipuncture will be learned. A portion of the class will be dedicated to infusion ports, dialysis shunts and central line access. The student will also receive their certification in International Trauma Life Support (or equivalent).

EMS 2659 Paramedic Internship

Credit Hours: 3

Prerequisites: EMS 2604, EMS 2665, and EMSL 2604 - all courses with a grade of "C" or higher

Corequisites: EMS 2605 and EMSL 2605

Lab Fee: Yes

This is the last course necessary to complete the Paramedic Certificate Program. Under the auspices of the medical director, this course is designed to provide the student with intensive clinical experience which fosters the development of leadership skills, expands and further develops clinical skills, and allows for the transition from observer to team leader in the professional paramedic role. Documented student participation as the team leader during a "code" must be completed during this course if these skills have not been completed during the previous out-of-hospital clinical practicum. This course includes Module 8 of the DOT National Standard Curriculum for Paramedic Program. This course must be passed with a grade of "C" or higher.

EMS 2664 Paramedic 1 Clinical

Credit Hours: 1

Prerequisites: Admission into the Eastern Florida State College Paramedic Program

Corequisites: EMS 2603 and EMSL 2603

Lab Fee: Yes

Practicum providing the opportunity for each student to develop competency in clinical skills within the hospital/field setting. Stresses the integration of basic computer skills, application of EMT and paramedic skills and techniques. Directed clinical experiences include emergency departments, medical examiner's office (autopsy), Emergency Dispatch Center, and field experience with local Fire/Rescue agencies.

EMS 2665 Paramedic 2 Clinical

Credit Hours: 2

Prerequisites: EMS 2603, EMS 2664 and EMSL 2603 - all courses with a grade of "C" or higher

Corequisites: EMS 2604 and EMSL 2604

Lab Fee: Yes

This course provides the opportunity in hospital and out-of-hospital settings for each student to develop competency in clinical skills necessary to serve as a member of an advanced life support team. Stresses the integration of EMT and paramedic responsibilities so the student gains knowledge and confidence in clinical problem solving. Directed clinical experiences include pre-hospital, emergency departments and critical care units. This course includes Modules 4, 5, 6, and 7 of the DOT National Standard Curriculum for Paramedic Programs. (Professional liability insurance required.)