

EMS - EMERGENCY MEDICAL TECH (EMS)

EMS 101 Emergency Care for First Responders 3 SHC

This course is a study of emergency care procedures for the first persons responding to an emergency incident. It includes basic skills related to patient assessment, fractures, airway, and trauma management.

Lecture Hours: 3

Lab/Clinical Hours: 0

EMS 105 Emergency Medical Care I 4 SHC

This course is a study of preparatory and pharmacology, airway management, patient assessment, and trauma and shock as it relates to the provision of pre-hospital emergency medical care to critically ill and injured patients.

Prerequisites: RDG 100 or RWR 100 or appropriate placement test scores.

Corequisites: AHS 114 and EMS 106.

Lecture Hours: 3

Lab/Clinical Hours: 3

EMS 106 Emergency Medical Care II 4 SHC

This course is a study of medical emergencies, operations, pediatrics and other special populations as it relates to the provision of pre-hospital emergency medical care to critically ill and injured patients.

Prerequisites: RDG 100 or RWR 100 or appropriate placement test scores.

Corequisites: AHS 114 and EMS 105.

Lecture Hours: 2

Lab/Clinical Hours: 6

EMS 113 Advanced Management of the Trauma Patient 1 SHC

This course is a study of the knowledge and skills necessary to rapidly evaluate, stabilize, and transport a trauma patient including advanced patient management and best practice in pre-hospital trauma patient assessment and care.

Corequisites: EMS 119, EMS 150, and EMS 223.

Concurrent Prerequisite: BIO 112.

Lecture Hours: 1

Lab/Clinical Hours: 0

EMS 116 Advanced Cardiac Life Support Advanced Cardiac Life Support 1 SHC

This course is designed to educate the experienced healthcare provider in dealing with critical cardiac patients in an acute, emergency setting.

An understanding of cardiac equipment, basic pharmacology and cardiovascular function is necessary. Current American heart association guidelines will be followed.

Prerequisites: BIO 112, EMS 113, EMS 119, EMS 150, and EMS 223.

Corequisites: EMS 224, EMS 230, EMS 117, and EMS 238.

Lecture Hours: 0

Lab/Clinical Hours: 3

EMS 117 Pediatric Advanced Life Support 1 SHC

This course is designed to educate the experienced healthcare provider in dealing with critical pediatric patients suffering from acute cardiac and respiratory problems in an emergency setting. An understanding of cardiac equipment, basic pharmacology and cardiovascular function is necessary.

Prerequisites: BIO 112, EMS 113, EMS 119, EMS 150, and EMS 223.

Corequisites: EMS 224, EMS 230, EMS 116, and EMS 238.

Lecture Hours: 1

Lab/Clinical Hours: 0

EMS 118 Advanced Medical Life Support 1 SHC

This course is designed to present students with a practical method for the management of adult patients suffering from various medical emergencies. Students will be provided with the practical knowledge and skills to effectively manage on-scene, adult medical emergencies.

Prerequisites: EMS 116, EMS 224, EMS 230, EMS 117, and EMS 238.

Corequisites: EMS 240, EMS 241, EMS 248, and EMS 272.

Lecture Hours: 1

Lab/Clinical Hours: 0

EMS 119 Emergency Medical Service Operations 2 SHC

This course is a multi-faceted approach to theory of EMS operations.

Topics include expanded provider roles, EMS systems overview, medical/legal aspects, theory of ambulance operations, mass casualty incident management, rescue awareness, crime scenes, terrorism, and weapons of mass destruction.

Corequisites: EMS 113, EMS 150, EMS 223.

Concurrent Prerequisite: BIO 112.

Lecture Hours: 2

Lab/Clinical Hours: 0

EMS 150 Introduction to Advanced Care 5 SHC

This course covers advanced care preparatory material, trauma, advanced airway material, and shock management.

Corequisites: EMS 113, EMS 119, and EMS 223.

Concurrent Prerequisite: BIO 112.

Lecture Hours: 4

Lab/Clinical Hours: 3

EMS 223 Paramedic Clinical I 2 SHC

This course includes hospital clinical experiences in many areas, such as the emergency center, surgery, labor and delivery, and pediatric centers.

Corequisites: EMS 113, EMS 119, EMS 150.

Concurrent Prerequisite: BIO 112.

Lecture Hours: 0

Lab/Clinical Hours: 6

EMS 224 Paramedic Clinical II 2 SHC

This course is a study of emergency medical care procedures for the paramedic provider, including concepts and skills related to medical emergencies. Emphasis is on pathophysiology and treatment modalities related to the major systems of the body such as the respiratory and cardiovascular systems. This course includes compressed content from EMS 213.

Prerequisites: BIO 112, EMS 113, EMS 119, EMS 150, and EMS 223.

Corequisites: EMS 116, EMS 230, EMS 117, and EMS 238.

Lecture Hours: 0

Lab/Clinical Hours: 6

EMS 230 Advanced Emergency Medical Care I 5 SHC

This course provides an introduction to pre-hospital pharmacology and cardiology as they relate specifically to patient care. Emphasis is placed on the appropriate methods for patient physical exams and solicitation of medical history to maximize patient outcomes.

Prerequisites: BIO 112, EMS 113, EMS 119, EMS 150, and EMS 223.

Corequisites: EMS 116, EMS 224, EMS 117, and EMS 238.

Lecture Hours: 3

Lab/Clinical Hours: 6

EMS 238 Paramedic Ambulance Field Experience I 3 SHC

This course introduces the concept of emergency medical care in the E-911 ambulance setting.

Prerequisites: BIO 112, EMS 113, EMS 119, EMS 150, and EMS 223.

Corequisites: EMS 116, EMS 230, EMS 117, and EMS 224.

Lecture Hours: 0

Lab/Clinical Hours: 9

EMS 240 Advanced Emergency Medical Care II 5 SHC

This course is a study of complex recurring emergency medical conditions that encompass all stages of the patient's life span.

Prerequisites: EMS 116, EMS 224, EMS 230, EMS 117, and EMS 238.

Corequisites: EMS 118, EMS 241, EMS 248, and EMS 272.

Lecture Hours: 3

Lab/Clinical Hours: 6

EMS 241 Paramedic Clinical III 2 SHC

This course is an advanced clinical experience and provides an overview of holistic patient care from the point of entry into the emergency department until patient discharge.

Prerequisites: . EMS 116, EMS 224, EMS 230, EMS 117, and EMS 238.

Corequisites: EMS 118, EMS 240, EMS 248, and EMS 272.

Lecture Hours: 0

Lab/Clinical Hours: 6

EMS 248 Paramedic Ambulance Field Experience II 2 SHC

This course will emphasize the knowledge and skills of emergency care in an E-911 ambulance setting. Focus is on the student and their ability to apply classroom knowledge during an emergency situation while treating a wide variety of patients.

Prerequisites: EMS 116, EMS 224, EMS 230, EMS 117, and EMS 238.

Corequisites: EMS 118, EMS 240, EMS 241, and EMS 272.

Lecture Hours: 0

Lab/Clinical Hours: 6

EMS 272 Paramedic Capstone 4 SHC

This course provides the opportunity for the student to function as a team leader in a 911 response agency by managing and accounting for all aspects of the emergency scene and patient care.

Prerequisites: EMS 116, EMS 224, EMS 230, EMS 117, and EMS 238.

Corequisites: EMS 118, EMS 240, EMS 241, and EMS 248.

Lecture Hours: 0

Lab/Clinical Hours: 12