

EMERGENCY MEDICAL TECHNOLOGY

Programs

- Emergency Medical Technician Certificate in Applied Science (<https://catalog.gvltec.edu/school-health-sciences/emergency-medical-technology/emergency-medical-technician-certificate/>)
- Emergency Medical Technology Associate in Applied Science (<https://catalog.gvltec.edu/school-health-sciences/emergency-medical-technology/emergency-medical-technology-aas/>)
- EMT-Paramedic Certificate in Applied Science (<https://catalog.gvltec.edu/school-health-sciences/emergency-medical-technology/emt-paramedic-certificate/>)

Courses

EMS 105 Emergency Medical Care I (2-6-4)

Offered Fall, Spring and Summer Semesters

Prerequisites: Placement into ENG 101

Co-Requisite: EMS 106 (required second half)

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.

EMS 106 Emergency Medical Care II (1-9-4)

Offered Fall, Spring and Summer Semesters

Prerequisite: EMS 105

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.

EMS 150 Introduction to Advanced Care (2-9-5)

Offered Spring Semester

Prerequisites: Placement into ENG 101 and MAT 105; completion of BIO 210 or BIO 215 and EMS 105, EMS 106 (or equivalent)

Co-requisites: BIO 211 or BIO 216 (required); EMS 151, PSY 201 (recommended)

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

EMS 151 Paramedic Clinical I (0-6-2)

Offered Spring Semester

Prerequisites: Placement into ENG 101 and MAT 105; completion of BIO 210 or BIO 215 and EMS 105, EMS 106 (or equivalent)

Co-requisites: BIO 211 or BIO 216, (required); EMS 151, PSY 201 (recommended)

This course provides an introduction to hospital care in an emergency and trauma setting. Emphasis is placed on care for adult, obstetrical, pediatric and behavioral patients.

EMS 202 EMT-Basic (2-1.2-2)

Offered Fall and Spring Semesters

Prerequisite: Must be a certified EMT-Basic or admission by permission of DHEC, department head, or program coordinator

This course is designed to further develop the knowledge and skills used by EMT-Basics in the field. Topics focus on up-to-date information and technology related to emergency medical care. Student must be a certified EMT-Basic or have approval from the SC DHEC EMS office.

EMS 203 EMT-Intermediate (2-1.2-2)

Offered Fall and Spring Semesters

Prerequisite: Must be a certified EMT-Intermediate or admission by permission of DHEC, department head, or program coordinator
This course is designed to further develop the knowledge and skills used by EMT-Intermediates in the field. Topics focus on up-to-date information and technology related to emergency medical care.

EMS 204 Dynamic Paramedic Review (2-6-4)

Offered Spring Semester

Prerequisites: BIO 211, ENG 101, EMS 240, MAT 120, PSY 201, SPC 205

This course covers current best clinical practices used by paramedics in the prehospital environment. The course also prepares and meets all requirements to allow registered nurses to challenge the NREMT Advanced Psychomotor and Computer Adaptive Testing. Prospective students must hold a current paramedic certification, nursing license, or have approval from the SC DHEC Bureau of EMS to enroll in this course.

EMS 230 Advanced Emergency Medical Care I (2-9-5)

Offered Summer Semester

Prerequisites: EMS 150, EMS 151

Co-requisites: EMS 231, (required)

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.

EMS 231 Paramedic Clinical II (0-6-2)

Offered Summer Semester

Prerequisites: EMS 150, EMS 151

Co-requisite: EMS 230 (required)

This course provides application of the knowledge and skills learned in the classroom to patients in the emergency department setting and in other appropriate clinical facilities.

EMS 232 Paramedic Internship I (0-6-2)

Offered Fall Semester

Prerequisites: EMS 230, EMS 231

Co-requisite: EMS 240 (required)

This course provides application of the knowledge and skills learned in the classroom using the team approach to emergency medical patients in the pre-hospital environment.

EMS 240 Advanced Emergency Medical Care II (2-9-5)

Offered Fall Semester

Prerequisites: EMS 230, EMS 231

Co-requisite: EMS 232, EMS 242 (required)

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

EMS 242 Paramedic Internship II (0-6-2)

Offered Fall Semester

Prerequisites: EMS 230, EMS 231, EMS 232

Co-requisites: EMS 240 (required)

This course provides hands-on experience for initial patient care in the pre-hospital environment and focuses on the ability to assess, care for and transport medical and trauma patients.

EMS 270 NREMT Review (2-6-4)

Offered Spring Semester

Prerequisites: EMS 240, EMS 242

Co-requisite: EMS 272 (required), EMS 271 (recommended)

This course provides the opportunity to practice and demonstrate proficiency in all of the required National Registry of Emergency Medical Technician (NREMT) skill stations.

EMS 271 Advanced Emergency Operations (2-6-4)

Offered Spring Semester

Prerequisites: EMS 240, EMS 242

Co-requisites: EMS 270, EMS 272 (required)

This course introduces the concepts of EMS procedures including vehicle operations, hazardous materials response and interaction with larger teams of emergency responders.

EMS 272 Paramedic Capstone (0-12-4)

Offered Spring Semester

Prerequisites: EMS 240, EMS 242

Co-requisites: EMS 270 (required), EMS 271 (recommended)

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.