

# EMERGENCY MEDICAL SERVICES (EMS)

## EMS 1220 Emergency Medical Technician Basic 1

[3 credit hours]

Emergency Medical Technicians are entry level health care providers of emergency medical services. EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries and accident scenes. This course provides fundamental knowledge and training across the breadth of Emergency Medical Services (EMS). This is part one of 2 sections needed for licensure. Successful completion of both EMT-B1 and EMT B2 courses makes students eligible for state and national certification. This is a two-semester "blended" program with online didactics and in-person skills labs. Skill labs are required and are offered on Tuesdays or Wednesdays every other week from 08:00-14:00. This course is designed for students to take as an elective that are carrying more than 6 credit hours.

**Term Offered:** Fall

## EMS 1230 Emergency Medical Technician Basic 2

[4 credit hours]

Emergency Medical Technicians are entry level health care providers of emergency medical services. EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries and accident scenes. This course provides fundamental knowledge and training across the breadth of Emergency Medical Services (EMS). This is part two of 2 courses needed for licensure. Successful completion of both EMT-B1 and EMT B2 courses makes student eligible for state and national certification. This is a "blended" program with online didactics and in-person skill labs. Skill labs are required and occur on Tuesdays or Wednesdays EVERY OTHER WEEK.

**Prerequisites:** EMS 1220 with a minimum grade of D-

**Term Offered:** Spring

## EMS 1240 Emergency Medical Technician Field Experience

[1 credit hour]

Emergency Medical Technicians are entry level health care providers of emergency medical services. EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries and accident scenes. This course provides fundamental knowledge and training across the breadth of Emergency Medical Services (EMS). This is part 3 of 3 sections needed for licensure. This is to be arranged with instructors and clinical coordinator during EMT-B1 OR EMT-B2. Successful completion of EMT-B1, EMT B2 and EMT Field Experience courses makes student eligible for state and national certification.

**Corequisites:** EMS 1230

**Term Offered:** Spring

## EMS 1250 Emergency Medical Technician- Basic

[7 credit hours]

Emergency Medical Technicians are entry level health care providers of emergency medical services. EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries and accident scenes. This course provides fundamental knowledge and training across the breadth of Emergency Medical Services (EMS). Successful completion of this course makes the student eligible for state and national certification. This one semester is a compressed option designed specifically for students that are not enrolled in more than 6 credit hours. A two-semester option is available for those students seeking this certificate course as an elective. This course includes a clinical component near the end that requires the student to complete a 10 hour/10 patient assessment requirement in the ED or Squad setting.

**Term Offered:** Spring

## EMS 1300 Anatomy & Physiology for the Prehospital Provider

[4 credit hours]

The systemic approach to anatomy and physiology is presented to the student. The knowledge is a fundamental portion of the education of any health care provider and is paramount for successful practice as an EMS provider. Under the current national paramedic curriculum, it has become necessary to expose students to a broader range of information. It will be the focus of this course to better equip the student with structure and function of the human body that will allow a student to recognize the homeostatic state.

**Term Offered:** Summer

## EMS 1310 Paramedic I

[10 credit hours]

This is the first of three courses that provide training for students to become certified paramedics. The course covers a variety of preparatory topics such as legal considerations, assessment, pharmacology, venous access, medication administration, EKG interpretation, and assessment/management of cardiovascular emergencies. It also incorporates hands-on application thru skill labs, simulation, and direct patient contact in a clinical environment. Upon successful completion of this course, the student will be eligible enroll in Paramedic II. In addition to EMS Basic EMT certification, an applicant for this course must have successfully completed an approved Anatomy class and an EMS Program Entrance Examination.

**Term Offered:** Fall

## EMS 1320 Paramedic II

[10 credit hours]

This is the second of three courses that provide training for students to become certified paramedics. This course covers a variety of medical emergencies (ie: respiratory, neurology, endocrinology, etc.) as well as obstetric and gynecological emergencies, childbirth and neonatology, assessment and management of various conditions that involve pediatrics and geriatrics. It also incorporates hands-on application thru skill labs, simulation, and direct patient contact in a clinical environment. Upon successful completion of this course, the student will be eligible enroll in Paramedic III.

**Prerequisites:** EMS 1310 with a minimum grade of D-

**Term Offered:** Spring

**EMS 1330 Paramedic III**

[10 credit hours]

This is the last of three courses that provide training for students to become certified paramedics. This course will complete the remaining paramedic curriculum with Operational topics such as Rescue, Mass Casualties, etc. The student will also finish all necessary field and clinical requirements, and must demonstrate "street readiness" while completing EMS field Internship hours. Upon successful completion, students are eligible to take the National Registry Examination for certification as a Paramedic.

**Prerequisites:** EMS 1320 with a minimum grade of C

**Term Offered:** Summer

**EMS 2310 Paramedic I**

[10 credit hours]

This is the first of three courses that provide training for students to become certified paramedics. The course covers a variety of preparatory topics such as legal considerations, assessment, pharmacology, venous access, medication administration, EKG interpretation, and assessment/management of cardiovascular emergencies. It also incorporates hands-on application thru skill labs, simulation, and direct patient contact in a clinical environment. Upon successful completion of this course, the student will be eligible enroll in Paramedic II. In addition to EMS Basic EMT certification, an applicant for this course must have successfully completed an approved Anatomy class and an EMS Program Entrance Examination.

**Term Offered:** Spring, Fall

**EMS 3320 Paramedic II**

[10 credit hours]

This is the second of three courses that provide training for students to become certified paramedics. This course covers a variety of medical emergencies (ie: respiratory, neurology, endocrinology, etc.) as well as obstetric and gynecological emergencies, childbirth and neonatology, assessment and management of various conditions that involve pediatrics and geriatrics. It also incorporates hands-on application thru skill labs, simulation, and direct patient contact in a clinical environment. Upon successful completion of this course, the student will be eligible enroll in Paramedic III.

**Prerequisites:** EMS 2310 with a minimum grade of C

**Term Offered:** Spring, Summer

**EMS 4330 Paramedic III**

[10 credit hours]

This is the last of three courses that provide training for students to become certified paramedics. This course will complete the remaining paramedic curriculum with Operational topics such as Rescue, Mass Casualties, etc. The student will also finish all necessary field and clinical requirements, and must demonstrate "street readiness" while completing EMS field Internship hours. Upon successful completion, students are eligible to take the National Registry Examination for certification as a Paramedic.

**Prerequisites:** EMS 3320 with a minimum grade of C

**Term Offered:** Summer, Fall