

EMERGENCY MEDICAL TECHNICIAN

Course Code:

8333/8334

Course Description:

Emergency Medical Technicians are part of one of three public safety divisions (EMS, Fire, and Law Enforcement). Their job includes the daily routine of dealing with crisis, trauma, hazardous materials, illness, injuries and the training of mass casualties, disaster management, and terrorism awareness. The work they do often means the difference between life and death. Although the job can be stressful, EMT's and Paramedics enjoy the challenge and excitement of their jobs and view them as an opportunity to make a real difference.

Topics of Study:

CPR, First Aid, Bloodborne Pathogens, SDS, & OSHA
Medical, Legal, & Ethical Issues
Patient Assessment, Treatment, & Transport
Vehicle Design & Extrication
Anatomy & Physiology
Hazardous Materials
Trauma, Medical, & Environmental Incidents
Mass Casualty & Disaster Management
Scene Safety & Personal Protection
Medical Management, Pharmacology, & Obstetrics
Communications - Written & Oral

Campus Location:

Butler Farm, Hampton

Sessions:

AM and PM

Class Size:

20 students

Credentials:

EMT-B Virginia State Certification
First Aid - AHA
Basic Life Support - AHA
Mass Casualty I & II - OEMS
NIMS 100, 200, 700, 800 - FEMA
Emergency Vehicle Operations Course - VAVRS

Career & Technical Student Organization:

Health Occupations Students of America (HOSA)

Work-Based Learning Opportunities:

Clinical Experience

Course Prerequisites:

Must be 16 years of age at the beginning of the course

Completed 10th grade English with a grade of "C" or better

Must be proficient in reading, writing, and speaking the English language at the 10th grade level

Clinical experience may require drug testing and a COVID-19 vaccination and/or testing

Must complete FEMA 100, 200, 700, 800 during the summer before class begins

Must complete BLS for Healthcare Providers during the 1st weekend of school

No physical/mental impairments that render them unable to perform all required practical skills

Must not have been found guilty of any crime involving sexual misconduct, abuse, neglect, theft from or financial exploitation, any crime involving use, possession, or distribution of illegal drugs, and any felonies.

Instructor Bio:

Jeff Brittingham

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EMS Education Coordinator from the VA Office of Emergency Medical Services

20+ years of industry experience in the field of Fire and EMS

Instructor Level Certifications for BLS, Advanced Life Support, Trauma Life Support, Emergency Vehicle Operations, Mass Casualty Incident Management, & Blood-Borne Pathogens

Projected Employment:

Overall employment of EMTs and paramedics is projected to grow 5 percent from 2022 to 2032, faster than the average for all occupations.

"EMT's" Occupational Outlook Handbook, US Bureau of Labor Statistics, 11 October, 2023.

<https://www.bls.gov/ooh/healthcare/ems-and-paramedics.htm#tab-6>

Career Pathways:

Emergency Medical Technician

Firefighter

Emergency Management Director

Registered Nurse

Program Flyer: (linked)

