

EMT-Paramedic Original Program

**St. John's University
Emergency Medical Services Institute**

Curriculum Overview

National Emergency Medical Services Educational Standards

Preparatory

- EMS Systems
- Research
- Work Safety and Wellness
- Documentation
- EMS Systems Communications
- Therapeutic Communications
- Medical/ Legal and Ethical issues
- Anatomy and Physiology
- Medical Terminology
- Pathophysiology
- Life Span Development
- Public Health
- Principles of Pharmacology
- Medication Administration
- Emergency Medications

Airway Management, Respirations, and Artificial Ventilations

- Airway Management
- Respiration
- Artificial Ventilation

CPR - Module Cardiac Arrest and CPR

All American Health Association curriculum is compliant to the new 2015 Standards.

- Circulation
- Practical skills Lab: CPR

Patient Assessment

- Scene Size-Up
- Primary Assessment
- History-Taking
- Secondary Assessment
- Monitoring Devices
- Reassessment

Medical Emergencies

- Medical Overview
- Neurology
- Abdominal and Gastrointestinal Disorders
- Immunology
- Infectious Disease
- Endocrine Disorders
- Psychiatric
- Cardiovascular
- Toxicology
- Respiratory
- Hematology
- Genitourinary - Renal
- Gynecology
- Disease of the Eyes, Ears, Nose, and Throat
- Shock and Resuscitation

Trauma

- Trauma Overview
- Bleeding
- Chest Trauma
- Abdominal and Genitorinary Trauma
- Orthopedic Trauma
- Soft Tissue Trauma
- Head, Face, Neck, and Spine Trauma
- Nervous System Trauma
- Special Considerations in Trauma
- Environmental Emergencies
- Multi System Trauma

Special Populations

- Obstetrics
- Neonatal Care
- Pediatrics
- Geriatrics
- Patients with Special Challenges

EMS Operations

- Principles of Safely Operating a Ground Ambulance
- Incident Management
- Multiple Casualty Incidents
- Air Medical
- Vehicle Extrication
- Hazardous Materials Awareness
- Multiple Casualty Incidents Due to Terrorism and Disaster

All students will be required to take the FEMA online programs for successful completion of the program. If any student has already completed these requirements, they would have to provide documentation of such completion.

IS-100.b - Introduction to Incident Command System, ICS-100

IS-200.B: ICS for Single Resources and Initial Action Incidents

IS-5.a An Introduction to Hazardous Materials

IS-700.a - NIMS an Introduction