

## Emergency Medical Responder - National Program (40 Hours)

| Program Components   | Presentation Title  | Program Components                       | Presentation Title  |
|--|---|--|---|
| <b>Preparatory</b>   |   | <b>Trauma</b>                            |   |
| EMS Systems  | EMS Systems / Research  | Trauma Overview                          | Trauma Emergencies - Part 1 - Trauma Overview, Shock and Resuscitation, Bleeding, Soft Tissue Injury              |
| Research   |   | Shock and Resuscitation                  |   |
| Workforce Safety and Wellness  | Workplace Safety and Wellness   | Bleeding                                 |   |
| Documentation  |   | Soft Tissue Trauma                       |   |
| EMS System Communication   | Documentation, Communication, and Medical / Legal / Ethics  | Chest Trauma                             | Trauma Emergencies - Part 2 - Specific Soft Tissue Injuries, Burns, Multi-System Trauma, Musculoskeletal Injuries |
| Therapeutic Communication  |   | Abdominal and GI Trauma                  |   |
| Medical / Legal and Ethics   |   | Multi- system Trauma                     |   |
| Anatomy and Physiology   | Anatomy and Physiology / Pathophysiology / Terminology  | Orthopedic Trauma                        | Trauma Emergencies - Part 3 - Head and Spine, Environmental Emergencies   |
| Pathophysiology  |   | Head, Facial, Neck and Spine             |   |
| Medical Terminology  |   | Environmental Emergencies                |   |
| <b>Airway Management, Respiration, Artificial Ventilation / Patient Assessment</b> |   | <b>Special Patient Populations</b>       |   |
| Airway Management  | Airway Management   | Obstetrics                               | Special Populations 1 - Obstetrics and Gynecology, Newborn Care   |
| Respiration  | Respiration and Artificial Ventilation  | Gynecology                               |   |
| Artificial Ventilation   |   | Neonatal Care                            |   |
| Scene Size Up  | Patient Assessment  | Pediatrics                               | Special Populations 2 - Pediatrics  |
| Primary Assessment   |   | Geriatrics                               | Special Populations 3 - Geriatrics and Special Patient Populations  |
| History - Taking   |   | Patients with Special Challenges         |   |
| Secondary Assessment   |   | <b>EMS Operations</b>                    |   |
| Re-assessment  |   |  | Principles of Safely Operating an Ambulance   |
| Vital Signs  | Patient Assessment - Vital Signs  | Air Medical                              |   |
| <b>Medicine</b>  |   | Hazardous Materials Awareness            |   |
| Medical Overview   | Medical Emergencies Part 1 - Medicine Overview, AMS, Seizures, Stroke, Diabetes, Abdominal Pain, Dialysis | Mass Casualty Incidents Due to Terrorism | Operations 2 - Mass Casualty Incidents, Terrorism   |
| Neurology  |   | MCI                                      |   |
| Endocrine Disorders  |   | Incident Management                      |   |
| Abdominal and GI Disorders   |   | Vehicle Extrication                      | Operations 3 - Vehicle Extrication / Special Rescue   |
| GU / Renal   | Medical Emergencies Part 2 - Cardiovascular, Respiratory, Immunology, Infectious Disease                  | <b>Massachusetts Specific</b>            |   |
| Cardiovascular   |   | Massachusetts Medications                | Epinephrine, Naloxone and Duodote Antidote.   |
| Respiratory  |   |  |   |
| Immunology   |   |  |   |
| Infectious Diseases  | Medical Emergencies Part 3 - Psychiatric / Behavioral   |  |   |
| Psychiatric  |   |  |   |
| Toxicology   | Medical Emergencies Part 4 - Toxicology   |  |   |

