

EMT to Advanced EMT Bridge Program

Eligibility/Entrance Requirements

1. Student must be 18 years of age.
2. Student must have active NR EMT, or active Texas DSHS EMT certification.
3. Student must successfully pass, with a grade of 70 or higher, a comprehensive knowledge-based test, at EMT level. If student has successfully passed the NREMT exam within the previous 6 months from the start date of the program, the exam can be waived.
4. Student must have current American Heart Association or American Safety & Health Institute CPR card.

Classroom (F2F or Online) Week 1

1. Medical Review – 16 hours
 - a. Anatomy Review
 - b. Pathophysiology
 - c. Patient Assessment Review
 - d. Airway Management Review
 - e. Principles of Pharmacology
 - i. Pharmacokinetics
 - ii. Pharmacodynamics
 - iii. Schedules
 - iv. Medication Administration, weight-based dosing
 - f. Shock & Resuscitation
 - i. Hypoperfusion & Dehydration
 - ii. Complications of Shock
 - iii. Circulatory Assist Devices
 - g. Respiratory Emergencies
 - i. Post-surgical oropharyngeal hemorrhage
 - h. Cardiovascular Emergencies Review
 - i. Pharmacology
 1. NTG
 - i. Neurological Disorders/Emergencies Review
 - i. Parkinson's disease
 - j. GIGU Emergencies Review
 - k. Endocrine & Hematologic Review
 - l. Immunologic
 - i. Systemic Inflammatory Response Syndrome (SIRS)

- m. Toxicology
- 2. Trauma Review – 8 hours
 - a. Trauma Overview
 - b. Bleeding
 - i. Fluid Resuscitation
 - c. Soft Tissue Review
 - d. Face & Neck Review
 - e. Head & Spine Review
 - f. Chest
 - i. Traumatic Aortic Disruption
 - ii. Pulmonary Contusion
 - iii. Blunt Cardiac Injury
 - iv. Traumatic Asphyxia
 - g. Abdominal & GIGU
 - i. Vascular injury
 - ii. Retroperitoneal injuries
 - h. Orthopedic Review
 - i. Environmental Review
- 3. Special Patients Review – 8 hours
 - a. Psychiatric
 - b. Patients with Special Challenges
 - c. Obstetrics & Neonatal Care
 - d. Pediatrics
 - e. Geriatrics
- 4. EMS Operations Review – 8 hours
 - a. EMS Systems
 - i. Public Health
 - 1. Impacts of political, social, & economic issues
 - 2. Infectious Diseases
 - b. Workforce Safety & Wellness
 - c. Medical/Legal/Ethical
 - d. Communications/Documentation
 - e. Lifting & Moving
 - f. Transport Ops

Classroom (F2F or Online) Week 2

1. Review Basic Skills – 8 hours
2. Intro to Advanced Airway – 8 hours
 - a. Skills
 - i. Supraglottic Airways
 - ii. Endotracheal Intubation
 - iii. Tracheobronchial Suctioning of intubated pt.
 - b. Pharmacology
 - c. Scenarios
3. Intro to Intravenous/Intraosseous Therapy & Medication Administration – 8 hours
 - a. Skills
 - i. IV
 1. Venous Blood Sampling
 - ii. IO
 - iii. Med Administration
 1. Intranasal
 2. IO Peds or Adult
 3. IV
 4. SubQ
 5. Immunizations
 6. Inhaled: Monitor pt. administered
 7. Parenteral analgesia for pain
4. Intro to End Tidal CO2 Monitoring/Waveform Interpretation – 8 hours

Clinical/Field Rotations

Minimum of 48 Hours in a patient care setting as advanced provider and 20 ALS patient contacts