Emergency Medical Technology | Scope & Sequence
Year 1, Semester 1

EM101 Emergency Medical Services I
(38 Days)

Unit 1 (4 Days)

Course Overview and CPR:
- Cardiopulmonary Resuscitation (CPR)
Certification: American Heart Association CPR Certification Exam
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Work-based Learning: Simulated Lab Experience
Certification: American Heart Association CPR Certification Exam
Technical Standard: 1.6

Unit 2 (4 Days)

Emergency Medical Services Basic:
- Introduction to EMS and the Health Care System
- The Well-being of the EMT
- Universal Precautions
- Medical, Legal and Ethical Issues
- Medical Decision Making
Academic Standards: AZ.ELA.11-12.SL.4, AZ.ELA.11-12.L.4, AZ.ELA.11-12.RI.10:
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Technical Standard: 1.1-6, 2.1-9, 3.1-10

Unit 3 (5 Days)

Operations:
- EMS Operations
- Lifting and Moving Patients
- Scene Size-Up
- Hazardous Materials, Multiple Casualty Incidents and Incident Management
- High Way Safety and Vehicle Extraction
- EMS Response to Terrorism
Academic Standards: AZ.ELA.11-12.W.2 & W4, AZ.ELA.11-12.L.4, AZ.ELA.11-12.RI.10:
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Technical Standard: 1.1-6, 2.1-9, 6.1-9, 12.1-8

Certification: Federal Emergency Management Agency National Incident Management System (NIMS) 100

Unit 4 (10 Days)

EMS Foundations:
- Medical Terminology
- Firefighter Preparedness and Incident Command System
- Pharmacology
- Vital Signs and Monitoring
- Pathophysiology
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Work-based Learning: Simulated Lab Experience
Technical Standard: 1.1-6, 2.1-9 4.1-5, 5.1-14

Unit 5 (4 Days)

Airway Management:
- Airway Management
- Respiration & Artificial Ventilation
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Work-based Learning
Technical Standard: 1.1-6, 2.1-9, 7.1-13

Certification: FEMA NIMS 200

Unit 6 (6 Days)

Patient Assessment and Respiratory:
- The Primary Assessment
- Secondary Assessment
- Respiratory Emergencies
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3
Technical Standard: 1.1-6, 2.1-9, 7.1-13

Certification: FEMA NIMS 700

Unit 7 (5 Days)

Cardiac Emergencies and AMS:
- Cardiac Emergencies
- Congestive Heart Failure
- Defibrillation
- Bradycardia | SVT Tachycardia
- Syncope
- Diabetic and Altered Mental Status
AZ.MA.5.NF.B.7, AZ.MA.6.RP.A.3, G-GMD.A.3

Emergency Medical Services 51.0900.30
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Year 1, Semester 2
EM102 - Emergency Medical Services II (26 Days)

Unit 8 (12 Days)
Trauma Emergencies:
- Trauma Assessment
- Chest and Abdominal Trauma
- Trauma to the Head, Neck and Spine
- Multi-System Trauma
- Trauma Skill Labs
- Extrication |MCI
- Bleeding and Shock
- Soft Tissue
- Responder Health and Safety
- Technical Standard: 9.1-9.8

Certification: FEMA NIMS 800
EMR Final Exam

Unit 9 (1 Day)

Emergency Patient Management:
- Emergency Patient Management Simulations
- Work-based Learning : Simulated Lab Experience

Unit 10 (8 Days)

Medical Emergencies:
- Allergic Reaction
- Poisoning and Overdose
- Environmental
- Psychiatric and Behavioral Emergencies
- Restraints Lab
- Hematologic and Renal Emergencies
- Abdominal Emergencies
- OB | GYN Emergencies
- Professional Skills: 7.A-C

EM101B Advanced Applications of EMT (26 Days)

Unit 13 (1 Day)

Emergency Patient Management:
- Emergency Patient Management Simulations
- National Registry Testing Skills Exam
- Work-based Learning : Simulated Lab Experience

Certifications: National Registry of Emergency Medical Technicians (NREMT)
Final Written Exam
ADE Technical Skills Assessment