

Southeastern Massachusetts EMS Council

Title: ALS/ BLS Interface

Student Eligibility: EMT - Basic / Intermediate / Paramedic

Length of Program: 4 hours Broken in to two 2 hour classes

Instructors/Credentials: Instructor for the program should be a healthcare provider Paramedic level or higher, familiar with the role of the Paramedic Assistant.

Purpose: To prepare the student to assist the Paramedic level provider in the delivery of ALS care by performing skills appropriate to their certification level, enhancing the EMS team.

Learning Objectives:

1. Understand the roles of the EMT Basic Intermediate and Paramedic in the Paramedic / basic staffing configuration.
2. Identify/Perform techniques and procedures, which are appropriate to the EMT Basic or Intermediate level as they assist the Paramedic, level provider.
3. Anticipate likely procedures to be utilized by the ALS provider for both medical/trauma conditions.

Teaching Methods:

- 1 Lectures
- 2 PowerPoint presentation
- 3 Handouts
- 4 Video
- 5 Lab
- 6 Discussions

Reference Material: Massachusetts EMS Laws and Regulations, A/R 2-260. Massachusetts Statewide Treatment protocols. DOT basic, intermediate and paramedic curriculum.

Testing Evaluation: A ten question exam after the classroom portion of the course. The practical course, each student will be evaluated through oral means and by observation of the student's performance during the psychomotor skills phase of the program.

## ALS BLS Interface Training Didactic

A. Introduction	15 minutes
a. Orientation	
b. Course objectives	
c. Handouts	
B. Scope of Practice	20 Minutes
a. Levels of training	
i. Basic	
ii. Intermediate	
iii. Paramedic	
C. Medical Legal Aspects of ALS /BLS	70 Minutes
a. MGL 111 Overview	
b. 105 CMR 170.000 Over view	
c. 105 CMR 170.305 Over view of new staffing Regulation	
d. A/R 2-260 overview of A/R	
D. Questions and Test	15 Minutes

2 Hours Total

Handouts for students and instructors to review as a class  
105 CMR 170.305 Staffing  
OEMS A/R 2-260 Requirements for ALS/ BLS interface training  
Copy of Electrode placement for both limb leads and V leads.

## ALS BLS Interface Training Practical

Skill Station Presentation/Practical

120 minutes

### A. IV Skill Station

- Retrieve drug box / IV set up box
- Retrieve and assemble equipment needed to establish IV lock using aseptic techniques
- Retrieve and assemble proper equipment to set up either a 500cc or 1000cc bag of normal saline using the proper drip set (macro or micro) using aseptic techniques
- Prepare tape and assist with securing IV
- Retrieve IV pump and drip set if applicable
- Obtain/ perform a finger stick for blood glucose and perform test

### B. Defibrillator/ Monitor Station (Use Manufactures recommendations for all skills)

- Following manufactures recommendations turn on monitor.
- Connect and Place limb leads on patient and acquire and print EKG tracings
- Connect and Place V1 – V6 leads on patients chest and acquire and print 12 lead tracing
- Connect and apply defibrillation / pacer pads to patient
- Retrieve any summary data from cardiac monitor and replace cardiac monitor paper

### C. Airway Station

- Retrieve advanced airway and associated equipment
- Ventilate Patient w/ advances airway using bag valve mask device
- Retrieve CPAP device and circuitry if applicable
- Retrieve automated ventilator and associated equipment such as circuitry if applicable
- Retrieve equipment for capnography

2 Hours

