

This initial certification program will be a minimum of 150 hours assigned as follows:

## Didactic and Lab

The following table outlines—at a minimum—the content area and hour requirements of the AEMT program. The Course Coordinator shall assure course content includes all areas of the [Virginia EMS Education Standards \(VEMSES\)](#). Although the *Elaboration of Knowledge* is not identified for each of the VEMSES Content Areas, the Course Coordinator shall cover all material in class to the depth and breadth necessary for student competency to be achieved.

The Course Coordinator shall conduct classroom didactic, laboratory and clinical instruction that follows the Virginia Office of EMS Rules and Regulations and Training Program Administration Manual.

| VEMSES Content Area  | Minimum Required Hours |
|--|------------------------|
| <b>Preparatory</b>   | <b>6</b>               |
| <b>Anatomy &amp; Physiology</b>                                  | <b>3</b>               |
| <b>Medical Terminology</b>                                       | --                     |
| <b>Pathophysiology</b>   | <b>4</b>               |
| <b>Life Span Development</b>                                     | --                     |
| <b>Public Health</b>   | <b>1</b>               |
| <b>Pharmacology</b>  | <b>4</b>               |
| <b>Airway Management, Respiration and Artificial Ventilation</b> | <b>4</b>               |
| <b>Assessment</b>  | <b>5</b>               |
| <b>Medicine</b>  | <b>24</b>              |
| <b>Shock and Resuscitation</b>                                   | <b>3</b>               |
| <b>Trauma</b>  | <b>18</b>              |
| <b>Special Patient Populations</b>                               | <b>7</b>               |
| <b>EMS Operations</b>  | --                     |
| <b>Clinical Behavior/Judgment</b>                                | <b>23</b>              |
| <b>Hospital/Clinical and Field Experience*</b>                   | <b>48</b>              |
| <b>Total</b>   | <b>150 hours</b>       |

\* See page 2 of this document.



## Hospital/Clinical and Field Experience

The Course Coordinator shall assure that the following competencies are met for each of the VEMSES Content Areas below.

| Competency Area                          | Minimum Competencies Required |
|--|-------------------------------|
| Medication Administration                | 15                            |
| Advanced Airway                          | Mannequin                     |
| IV Access                                | 10                            |
| Ventilate Non-intubated Patient          | --                            |
| Adult Assessment                         | 12                            |
| Pediatric Assessment                     | 5                             |
| Geriatric Assessment                     | 5                             |
| OB Assessment                            | --                            |
| Trauma Assessment                        | 5                             |
| Psychiatric Assessment                   | 2                             |
| Chest Pain Assessment                    | 5                             |
| Respiratory/Dyspnea Assessment           | 5                             |
| Pediatric Respiratory/Dyspnea Assessment | --                            |
| Syncope                                  | --                            |
| Abdominal Complaints                     | 5                             |
| Altered Mental Status                    | 5                             |
| Field Team Leader                        | 5                             |

The minimum clinical hours required for each rotation are as follows:

| Competency Area      | Hours Required |
|----------------------|----------------|
| Emergency Department | 24             |
| ALS Ambulance        | 24             |

