

This initial certification program will be a minimum of 781 hours assigned as follows:

## Didactic and Lab

The following table outlines—at a minimum—the content area and hour requirements of the Paramedic 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>58</b>
<b>Anatomy &amp; Physiology</b>	<b>60</b>
<b>Medical Terminology</b>	<b>1</b>
<b>Pathophysiology</b>	<b>20</b>
<b>Life Span Development</b>	<b>10</b>
<b>Public Health</b>	<b>5</b>
<b>Pharmacology</b>	<b>30</b>
<b>Airway Management, Respiration and Artificial Ventilation</b>	<b>30</b>
<b>Assessment</b>	<b>75</b>
<b>Medicine</b>	<b>148</b>
<b>Shock and Resuscitation</b>	<b>5</b>
<b>Trauma</b>	<b>60</b>
<b>Special Patient Populations</b>	<b>35</b>
<b>EMS Operations</b>	<b>17</b>
<b>Clinical Behavior/Judgment</b>	<b>91</b>
<b>Hospital/Clinical and Field Experience*</b>	<b>136</b>
<b>Total</b>	<b>781 hours</b>

\* See page 2 of this document.



## Hospital/Clinical and Field Experience

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

Competency Area	Minimum Competencies Required
Medication Administration	15
Advanced Airway	1 live
IV Access	25
Ventilate Non-intubated Patient	1
Adult Assessment	50
Pediatric Assessment	30
Geriatric Assessment	30
OB Assessment	10
Trauma Assessment	40
Psychiatric Assessment	20
Chest Pain Assessment	30
Respiratory/Dyspnea Assessment	20
Pediatric Respiratory/Dyspnea Assessment	8
Syncope	10
Abdominal Complaints	20
Altered Mental Status	20
Field Team Leader	50

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

Competency Area	Hours Required
Emergency Department	48
Intensive Care Unit	16
Pediatric Setting	16
Labor & Delivery	16
Operating Room	16
Psychiatric/Behavioral Environment	0
ALS Ambulance	24

