

This initial certification program will be a minimum of 509 hours assigned as follows:

Didactic and Lab

The following table outlines—at a minimum—the content area and hour requirements of the Intermediate to 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
Preparatory	48
Anatomy & Physiology	55
Medical Terminology	1
Pathophysiology	14
Life Span Development	9
Public Health	4
Pharmacology	21
Airway Management, Respiration and Artificial Ventilation	20
Assessment	61
Medicine	78
Shock and Resuscitation	2
Trauma	36
Special Patient Populations	19
EMS Operations	15
Clinical Behavior/Judgment	58
Hospital/Clinical and Field Experience*	68
Total	509 hours

* 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	25
Pediatric Assessment	15
Geriatric Assessment	15
OB Assessment	5
Trauma Assessment	20
Psychiatric Assessment	10
Chest Pain Assessment	15
Respiratory/Dyspnea Assessment	10
Pediatric Respiratory/Dyspnea Assessment	4
Syncope	5
Abdominal Complaints	10
Altered Mental Status	10
Field Team Leader	40

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

Competency Area	Hours Required
Emergency Department	24
Intensive Care Unit	8
Pediatric Setting	8
Labor & Delivery	8
Operating Room	8
Psychiatric/Behavioral Environment	--
ALS Ambulance	12

