**VCCS Common Curriculum (Revised)**

**Certificate in Emergency Medical Services (EMS)**

**Semester 1**

Course No. Course Title Credits

EMS 100 CPR for Healthcare Providers[[1]](#footnote-1) 1

EMS 111 Emergency Medical Technician 7

EMS 120 Emergency Medical Technician – Clinical 1

BIO 145 Human Anatomy & Physiology[[2]](#footnote-2) 4

 **Semester Total** 13

**Semester 2**

Course No. Course Title Credits

EMS 121 Preparatory Foundations 2

EMS 123 EMS Clinical Preparation 1

EMS 125 Basic Pharmacology 1

EMS 126 Basic Pharmacology Lab 1

EMS 127 Airway, Shock and Resuscitation 1

EMS 128 Airway, Shock and Resuscitation 1

EMS 135 Emergency Medical Care 2

EMS 136 Emergency Medical Care Lab 1

EMS 137 Trauma Care 1

EMS 138 Trauma Care Lab 1

 **Semester Total** 12

**Semester 3**

Course No. Course Title Credits

EMS 139 Special Populations 1

EMS 140 Special Populations Lab 1

EMS 141 Cardiovascular Care 2

EMS 142 Cardiovascular Care Lab 1

EMS 175 Paramedic Clinical Experience I 2

ENG 111 College Composition I 3

PSY 230 Developmental Psychology[[3]](#footnote-3) 3

 **SEMESTER TOTAL** 13

**Semester 4**

Course No. Course Title Credits

EMS 202 Paramedic Pharmacology 2

EMS 203 Advanced Patient Care 2

EMS 204 Advanced Patient Care Lab 2

EMS 206 Pathophysiology for Health Professions 3

EMS 247 Paramedic Clinical Experience II 1

EMS 248 Comprehensive Field Experience 2

 **Semester Total** 12

**Semester 5**

Course No. Course Title Credits

EMS 210 EMS Operations 1

EMS 212 Leadership and Professional Development 1

EMS 165 Advanced Cardiac Life Support 1

EMS 163 Prehospital Trauma Life Support 1

EMS 167 Emergency Pediatric Care 1

EMS 164 Advanced Medical Life Support 1

EMS 216 Paramedic Review 1

EMS 249 Paramedic Capstone Internship 2

 **SEMESTER TOTAL** 9

 **Total Credits 59**

1. HLT 105 is an approved substitute. [↑](#footnote-ref-1)
2. Taking both BIO 141 and BIO 142 are an approved substitute to BIO 145. Please note that students who complete BIO 141 and BIO 142 are exempt from completing the General Education Elective (3 credits) in the 5th semester (see footnote 5 below). [↑](#footnote-ref-2)
3. PSY 200, SOC 247, and SOC 268 are approved substitutes for PSY 230. [↑](#footnote-ref-3)