

## EMS Emergency Medical Services

### EMS 111 EMT Preparatory (2-2) 3 crs.

The entire Emergency Medical Technician (EMT) Program of Instruction is divided into three courses that must all be passed in sequence (EMS 111, 112, and 113) as well as hospital and field clinical experiences and a cumulative final written exam. EMS 111 is designed to introduce entry-level knowledge and skills required to become an EMT and provides the foundations of EMT practice upon which all other instruction is based. The module exam given at the conclusion of this course must be passed with a minimum score of 80% to progress to EMS 112. Content and objectives are mapped to the National Emergency Medical Services (EMS) Education Standards.

**Prerequisite:** You must be at least 18 years old and provide a high school transcript or GED equivalency to register for this course. A minimum GPA of 2.0 is needed for enrolled/previously enrolled Harper students. Placement into ENG 096 or better is also required. <https://www.harpercollege.edu/testing/english-placement-grid.php>

### EMS 112 EMT Medical Emergencies (2-2) 3 crs.

The entire Emergency Medical Technician (EMT) Program of Instruction is divided into three courses that must all be passed in sequence (EMS 111, 112, and 113) as well as hospital and field clinical experiences and a cumulative final written exam. EMS 112 provides comprehensive coverage of acute and chronic respiratory disorders, acute and chronic cardiovascular disorders, cardiac arrest management, anaphylactic emergencies, stroke, seizure and altered mental status, shock, acute diabetic emergencies, abdominal, renal, genitourinary and gynecologic emergencies and environmental emergencies including diving and drowning emergencies. The module exam given at the conclusion of this course must be passed with a minimum score of 80% to progress to EMS 113.

**Prerequisite:** EMS 111 with a grade of C or better.

### EMS 113 EMT Trauma Emergencies (2-2) 3 crs.

The entire Emergency Medical Technician (EMT) Program of Instruction is divided into three courses that must all be passed in sequence (EMS 111, 112, and 113) as well as hospital and field clinical experiences and a cumulative final written exam. EMS 113 presents a wide scope of trauma emergencies, special patient populations, and those with physical challenges, multiple patient incidents and the incident management system, hazardous materials awareness, EMS response to terrorist incidents and ambulance operations. Content and objectives are mapped to the National Emergency Medical Services (EMS) Education Standards.

**Prerequisite:** EMS 112 with a grade of C or better.

### EMS 210 Paramedic Preparatory (9-3) 10 crs.

Designed to expand upon entry-level knowledge and skills acquired in an Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), or Emergency Medical Technician Intermediate (EMT-I) course. EMS 210 provides the foundations of paramedic (PM) practice upon which all other instruction is based and must be passed to continue in the program. Content and objectives are mapped to the National EMS Education Standards.

**Prerequisite:** (1) Unencumbered Emergency Medical Technician (EMT), Advanced EMT (AEMT), or EMT-Intermediate (EMT-I) license with practice privileges in Illinois and admission into the Emergency Medical Services degree program or the Paramedic Certificate program; (2) valid and current CPR for Healthcare Providers card; and (3) field internship acceptance by a NWC EMS Agency.

### EMS 211 Paramedic Medical Emergencies I (5-1) 5 crs.

Provides comprehensive coverage of acute and chronic respiratory disorders, acute and chronic cardiovascular disorders, cardiac arrest management, and electrocardiography (ECG) interpretation. This course must be passed to continue in the program. Content and objectives are mapped to the National Emergency Medical Services (EMS) Education Standards.

**Prerequisite:** EMS 210 with a grade of C or better.

**Corequisite:** EMS 217.

### EMS 212 Paramedic Medical Emergencies II (7-1) 7 crs.

Presents a wide scope of obstetrics (OB), pediatric, geriatric and medical emergencies. This course must be passed to continue in the program. Content and objectives are mapped to the National Emergency Medical Services (EMS) Education Standards.

**Prerequisite:** EMS 211 with a grade of C or better.

### EMS 213 Paramedic Trauma/Special Populations/EMS Operations (6-1) 6 crs.

Presents a wide scope of trauma emergencies, special patient populations, and those with physical challenges. Concludes with field experts presenting the EMS response to multiple patient incidents and the incident management system, hazardous materials awareness, active shooter incidents/weapon safety, and ambulance operations. This course must be passed to continue in the program. Content and objectives are mapped to the National EMS Education Standards.

**Prerequisite:** EMS 212 with a grade of C or better and EMS 217 with a grade of P.

**Corequisite:** EMS 218.

### EMS 215 Paramedic: Field Internship (0-20) 4 crs.

Integrates the theoretical concepts and practical skills acquired during EMS 210, EMS 211, EMS 212, EMS 213, EMS 217 and EMS 218. Requires students to use higher order thinking and critical reasoning to safely care for patients in and out of hospital environment under the direct supervision of an approved paramedic preceptor. The internship is divided into two phases of ascending mastery and accountability with each having a minimum number of patient care contacts and competencies. A full description of the objectives and expectations is contained in the NWC Paramedic Student Handbook and on the internship forms. This course is graded using a pass/fail grade mode. (NOTE: This course has an additional fee of \$1500 to cover the cost of field preceptors.)

**Prerequisite:** EMS 213 with a grade of C or better and EMS 217 with a grade of P.

### EMS 216 Paramedic Seminar (3-0) 3 crs.

Provides weekly seminars during the last half of the Field Internship offering an opportunity for intellectual engagement and allows students to integrate and apply didactic concepts presented during the course to actual EMS practice. It concludes with the comprehensive summative final written and practical exams. During the first four weeks, each class is offered twice (Wednesday and Thursday) from 9:00 am to 5:00 pm. Students may select the day they attend after consultation with the Provider Agency with which they are completing the Field Internship. The last week is back to full time and students must attend each day. Students must be prepared to present cases based on a disease or trauma diagnosis identified in advance by the instructor.

**Prerequisite:** EMS 213 with a grade of C or better, EMS 217 and EMS 218 with grades of P.

**EMS 217 Paramedic: Hospital Internship I (0-10) 2 crs.**

Provides a minimum of 144 clinical hours in a variety of experiences and situations as specified by the EMS Medical Director and endorsed by the Advisory Committee. Each student shall have access to adequate numbers of patients, proportionally distributed by illness, injury, gender, age, and common problems encountered in the delivery of emergency care. While in the clinical units, students apply instructional theory into practice to deliver safe, entry-level EMS care in a controlled environment under the direct supervision of a unit-assigned preceptor. Rotations include the following areas: adult and pediatric emergency departments, critical care units, labor and delivery, operating room, and mental health unit. This course is graded using a pass/fail grade mode. (formerly EMS 214)

**Prerequisite:** EMS 210 with a grade of C or better, successful completion of health screening, immunization requirements, background check, and purchase of Fisdap software license.

**EMS 218 Paramedic: Hospital Internship II (0-10) 2 crs.**

Provides a minimum of 56 clinical hours in a variety of experiences and situations as specified by the EMS Medical Director and endorsed by the Advisory Committee. Each student shall have access to adequate numbers of patients, proportionally distributed by illness, injury, gender, age, and common problems encountered in the delivery of emergency care. While in the clinical units, students apply instructional theory into practice to deliver safe, entry-level EMS care in a controlled environment under the direct supervision of a unit-assigned preceptor. Rotations include the following areas: adult and pediatric emergency departments, critical care units, labor and delivery, operating room, mental health unit, skilled nursing facility or elder care environment, and one elective. This course is graded using a pass/fail grade mode.

**Prerequisite:** EMS 217 with a grade of P, successful completion of health screening, immunization requirements, background check, and purchase of Fisdap software license.