



## Syllabus

### EMCR 270 Paramedic II

#### General Information

---

**Date** April 5th, 2024

**Author** Jacob Hartman

**Department** Health Science and Human Performance

**Course Prefix** EMCR

**Course Number** 270

**Course Title** Paramedic II

#### Course Information

---

**Catalog Description** The Paramedic II Course continues with an overview of the pathophysiology, assessment, and treatment of common medical and traumatic emergencies. Special attention will be given to special populations such as obstetrics, pediatrics, geriatrics, and chronic condition patients. Students will complete the American Heart Association ACLS and PALS courses, as well as, the International Trauma Life Support course, which are required for completing the program. Students will then prepare for the practical and didactic exams that are required by New York State Department of Health in order of obtain certification as a paramedic.

**Credit Hours** 16

**Lecture Contact Hours** 20

**Lab Contact Hours** 0

**Other Contact Hours** 0

**Grading Scheme** Letter

#### Prerequisites

---

Must hold a minimum certification of a NYS EMT, maintain that certification throughout the entire program, Student must be accepted into the Paramedic Certification Program, and EMCR 195

#### Co-requisites

---

None

## First Year Experience/Capstone Designation

---

This course **DOES NOT** satisfy the outcomes applicable for status as a FYE or Capstone.

## SUNY General Education

---

This course is designated as satisfying a requirement in the following SUNY Gen Ed categories

None

## FLCC Values

---

**Institutional Learning Outcomes Addressed by the Course**

None

## Course Learning Outcomes

---

### Course Learning Outcomes

1. Synthesize pathophysiological principles with basic and advanced assessment findings to articulate a field impression, and subsequently develop and implement a treatment plans for medical and traumatic emergencies.
2. Synthesize pathophysiological principles with basic and advanced assessment findings to articulate a field impression, and subsequently develop and implement a treatment plan for acute and chronic pediatric patients.
3. Demonstrate proficiency in all paramedic skills required for entry level paramedic providers.
4. Interpret and apply assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement a comprehensive treatment/disposition plan for an acutely injured patient.
5. Demonstrate and apply knowledge of operational roles and responsibilities to ensure safe patient, public and personnel safety.
6. Describe and be able to implement the principles of rescue operations to for the safety of patients and other resources.

## Outline of Topics Covered

---

Medical Emergencies: Neurology, Abdominal and Gastrointestinal Disorders, Immunology, Infectious Diseases, Endocrine Disorders, Psychiatric, Toxicology, Respiratory, Hematology, Genitourinary, OBGYN and neonatal care, Non-Traumatic Musculoskeletal Disorders, Diseases of the Eyes, Ears, Nose and Throat, Environmental Emergencies, Pediatrics, Geriatrics, Patients with Special Challenges

Trauma Emergencies: Shock and Resuscitation, Types of Shock, Chest Trauma, Abdominal and Genitourinary Trauma, Orthopedic Trauma, Soft Tissue Injury, Head, Facial, Neck and Spine Trauma, Nervous System Trauma.

Operations: Principles of Safely Operating a Ground Ambulance, Incident Command System, Multiple Casualty Incidents, Air Medical, Hazardous Materials Awareness, Mass Casualty Incidents