



Syllabus

EMCR 265 Paramedic I

General Information

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Course Prefix EMCR

Course Number 265

Course Title Paramedic I

Course Information

Catalog Description The Paramedic I course focuses on building the foundations of advanced level care in accordance with the standards from New York State Department of Health, the National Registry of EMT's, and CAAHEP, the program's accreditation body. Didactic and lab experiences will be used to scaffold education learned in the basic EMT class to help build critical thinking skills and perform advanced procedures in order to improve overall patient outcomes.

Credit Hours 16

Lecture Contact Hours 18

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, and Student must be accepted into the Paramedic Certification Program

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. Consistently integrate advanced principles of history taking and physical exam techniques to perform a comprehensive patient assessment.
2. Synthesize pathophysiological principles with basic and advanced assessment findings to articulate a field impression, and subsequently develop and implement a treatment plans for cardiac emergencies.
3. Synthesize pathophysiological principles with pharmacology knowledge and assessment findings to formulate a field impression and implement an appropriate pharmacologic management plan.
4. Demonstrate comprehensive knowledge of pathophysiology of major human systems.
5. Recall and integrate physiological, psychological, and sociological changes throughout human development with assessment and communication strategies for patients of all ages.
6. Apply complex knowledge of anatomy, physiology, and pathophysiology into the assessment to development and implement a treatment plan with the goal of assuring a patent airway, adequate mechanical ventilation, and respiration for patients of all ages.

Outline of Topics Covered

- Introduction to Paramedicine: Roles and Responsibilities
- Workforce Safety and Wellness
- EMS Communication and Documentation
- Medical/Legal and Ethics
- Anatomy and Physiology
- Pathophysiology

- Life Span Development
- Principles of Pharmacology
- IV Therapy and Medication Administration
- Advanced Airway Management
- Components of Advanced Patient Assessment
- The Cardiovascular System: A&P, Pathophysiology, EKG Interpretation