



## EMT: Paramedic

### Associate in Applied Science Degree, Career program

Division of Health & Sciences, Associate Dean: Rachel Hofstetter

Coordinator: Brandon Rosettie

This program prepares students to become emergency medical service clinicians. Through intensive classroom practice, instruction, and clinical experience, the student will be able to understand patient pathophysiology and as a result will be able to treat a wide range of life-threatening emergencies. General education and liberal arts courses produce a graduate with a well-rounded education, prepared to succeed and advance in the emergency medical services industry.

Learning outcomes for the program are developed through national and state curriculum standards. Graduates will be able to understand the roles and responsibilities of a paramedic; apply the basic concepts of development, pathophysiology and pharmacology to assessment and management of emergency patients; properly administer medications, and communicate effectively with patients; establish and/or maintain a patient airway, oxygenate, and ventilate a patient; take a proper history and perform a comprehensive physical exam on any patient and communicate the findings to others; integrate pathophysiological principles and assessment findings to formulate a field impression; implement appropriate treatment plans for all patients; and safely manage the scene of an emergency.

*Admission to this program does not guarantee registration in a Paramedic course. Prior to registering for EMT Paramedic I, students must be certified as a New York State EMT and be employed as an EMT for one year; have a high school diploma or GED; be placed in College Composition I and Introductory Algebra or higher; complete any remedial courses required as a result of the CCC assessment tests; and submit a CCC health record documenting required immunizations and inoculations, and meet with the program coordinator for an interview prior to entering the program and starting the EMT Paramedic I course (EMS 2100).*

*High school or equivalent preparation required: No special requirements.*

#### Program Requirements

English (ENGL 1010 and 1020 or 1030. By placement)* .....	6	Paramedic courses (EMS 2100-2110) <sup>1</sup> .....	36
Mathematics (MATH 1015 or higher)* .....	3	Humanities (SPCH 1060 or 1080) .....	3
Social Sciences (PSYC 1101 and SOCI 1010) .....	6	Free elective <sup>2</sup> .....	3
Laboratory Science (BIOL 1050 or 1510) .....	3	Wellness .....	2
		Total hours .....	62

\*Based on placement, students may be required to take ENGL 0950 and/or ENGL 0990 before taking ENGL 1010, and MATH 0960 before taking a math credit course.

*Sample Sequence: Intended as a guide for academic planning. It need not be followed exactly. Students should be aware that while it may be possible to complete this program in two years, it does not follow a pattern typical of other programs. Summer and evening course work may be necessary. The paramedic courses are to be taken over an eleven-month period.*

#### First Semester

English .....	3
Mathematics (MATH 1015 or higher) .....	3
General Psychology I (PSYC 1101) .....	3
Free elective <sup>2</sup> .....	3
Wellness (Awareness/Instructional Component) .....	1

#### Second Semester

English .....	3
Sociology (SOCI 1010) .....	3
Speech (SPCH 1060 or 1080) .....	3
Biology (BIOL 1510 or 1050) .....	3
Wellness (Activity Component) .....	1

#### Third Semester

EMT Paramedic I (EMS 2100) <sup>1</sup> .....	18
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#### Fourth Semester

EMT Paramedic II (EMS 2110) .....	18
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<sup>1</sup>The paramedic courses may be taken before the general education and liberal arts courses. Please consult with the Coordinator.

<sup>2</sup>Recommended Free Electives include: ACCT 1040, Managerial Accounting; MGMT 2047, Interpersonal Skills for Managers; or MGMT 2070, Quantitative Aids to Management.