

JAMESTOWN COMMUNITY COLLEGE
State University of New York

INSTITUTIONAL COURSE SYLLABUS

Course Title: Emergency Medical Technology

Course Abbreviation and Number: BIO 1450

Credit Hours: 7

Course Type: Lecture/Lab

Course Description: This course presents a contract offering limited to persons involved in the delivery of emergency medical care who intend to take the New York State Health Department's certifying exam for emergency medical technicians. Students will learn about all major aspects of trauma, medical emergencies, cardiopulmonary resuscitation, victim extrication, transport, spinal injuries, shock, airway management techniques, and use of an anti-shock garment. In addition to 90 hours of classroom/laboratory work, students will complete one hour of observation and assistance in a hospital emergency room.

Eligibility: MAT 0500 or greater; Must meet minimum college level reading score: Accuplacer 80+.

Student Learning Outcomes:

Students who demonstrate understanding can:

1. Correctly assess a patient's medical condition.
 2. Correctly assess a patient's trauma condition.
 3. Correctly manage a patient's cardiac arrest.
 4. Properly use the bag-valve-mask on an apneic patient.
 5. Properly use the upper airway adjuncts and suction, administer supplemental oxygen, control bleeding and administer shock management.
 6. Properly immobilize a long bone injury or a joint injury.
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Topics Covered:

- Preparatory
 - Airway Management
 - Patient Assessment
 - Medical Emergencies
 - Trauma
 - Younger and older patients
 - Ambulance Operations
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Information for Students

- Expectations of Students
 - [Civility Statement](#)
 - [Student Responsibility Statement](#)
 - [Academic Integrity Statement](#)
 - [Accessibility Services](#)
Students who require accommodations to complete the requirements and expectations of this course because of a disability must make their accommodation requests to the Accessibility Services Coordinator.
 - [Get Help: JCC & Community Resources](#)
 - [Emergency Closing Procedures](#)
 - Course grade is determined by the instructor based on a combination of factors, including but not limited to, homework, quizzes, exams, projects, and participation. Final course grade can be translated into a grade point value according to the following:

A=4.0	B+=3.5	B=3	C+=2.5	C=2	D+=1.5	D=1	F=0
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 - Veterans and active duty military personnel with special circumstances (e.g., upcoming deployments, drill requirements, VA appointments) are welcome and encouraged to communicate these to the instructor.
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Effective Date: Fall 2021