



COURSE SYLLABUS

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COURSE: EMS 110 EMERGENCY MEDICAL TECHNICIAN

HOURS: Lecture: 6 Lab/Shop: 6 Work Exp/Clinical: 3 Credits: 9

COURSE DESCRIPTION:

This course introduces basic emergency medical care. Topics include preparatory, airway, patient assessment, medical emergencies, trauma, infants and children, and operations. Upon completion, students should be able to demonstrate the knowledge and skills necessary to achieve North Carolina State or National Registry EMT certification.

PREREQUISITE(S): None

COREQUISITE(S): (None)

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Saunders, Mick. Emergency Care and Transportation of the Sick and Injured
Burlington MA: Jones and Bartlett Learning, 2020
ISBN: 978-1284243758

STUDENT LEARNING OUTCOMES:

Upon successful completion of this course, the student will be able to:

1. Describe the purpose of the modern EMS system.
2. List the general responsibilities of an EMT.
3. Describe at least five steps to protect your own safety as an EMT
4. Describe at least five steps to protect your own safety as an EMT
5. Describe the key historical events that have shaped the development of the Emergency Medical Services (EMS) system
6. Describe the EMS physician medical director's primary responsibility.
7. List the goals of quality improvement, and the EMTs role in it.
8. Students will learn the importance of research in emergency medical care and utilize evidence based practice in decision making when appropriate
9. Students will define and describe verbal defusing strategies
10. Students will identify family presence issues.
11. Students will describe different interviewing techniques.
12. Students will define and describe consent, refusal of care, confidentiality, advanced directives, tort and criminal actions, evidence preservation, and statutory responsibilities
13. Students will describe the function and structure of the cardiovascular system and the management of associated cardiovascular emergencies
14. Students will describe and define the function and structure of the respiratory system, and the management of associated respiratory emergencies

15. Students will describe and define medication safety.
16. Students will identify kinds of medications used in an emergency.
17. Students will describe and demonstrate principles of airway assessment
18. Students will learn the principles of ventilation and the use of ventilation adjuncts
19. Students will demonstrate a comprehensive primary and secondary assessment
20. Students will use information gathered from knowledge of pathophysiology, their patient assessment to describe the management of several different types of medical emergencies.
21. Students will demonstrate proficiency in resuscitation techniques like CPR.
22. Students will use information gathered from knowledge of pathophysiology and patient assessment to describe the general management of the trauma patient
23. Students will use information gathered from knowledge of pathophysiology and patient assessment to describe the management of traumatic head, neck and spinal injuries
24. Students will define and describe assessment and treatment priorities in the Trauma Patient with Chest Injuries
25. Students will define and describe assessment and treatment priorities in the Trauma Patient with Abdominal and Genitourinary injuries
26. Students will define and describe assessment and treatment priorities in the Trauma Patient with orthopedic Injuries
27. Students will define and describe assessment and treatment priorities in the Trauma Patient with soft tissue injuries and burns
28. Students will define and describe assessment and treatment priorities in the Trauma Patient with environmental emergencies
29. Students will define and describe assessment and treatment priorities in the pregnant patient
30. Students will define and describe the development, assessment and treatment priorities in the pediatric patient
31. Students will define and describe the development, assessment and treatment priorities in the Geriatric patient
32. Students will define and describe the development, assessment and treatment priorities concerning patients with special challenges
33. Students will define and describe the role of the EMT in Triage and Mass Casualty Incidents

EXPLANATION OF SYLLABUS:

The Student Learning Outcomes listed in this syllabus are those required actions that a student who successfully completes the course must be able to perform or exhibit. The educational experience, however, is a two-way, interactive process involving both the student and his/her instructor. The student must play an active role in the learning process in order to be successful. Each Instructor will provide an Instructor's Course Requirements document at the first class meeting explaining how he/she measures each of the Student Learning Outcomes listed in the syllabus. A student who is unable to accomplish the outcomes will not receive a passing grade in the course.

The information in this RCC Syllabus may not be accurate beyond the current semester. Textbooks and other course materials are subject to change. Students should verify the textbooks at the first class meeting with their instructor prior to purchasing.

RCC ATTENDANCE POLICY:

Regular attendance is considered essential to realize course outcomes. Rules on attendance, tardiness, and leaving class early are addressed in each Instructor's Course Requirements document.

No matter the basis for absence, students are held accountable for academic activities, and faculty may require special work or tests to make up for missed classes.

When courses are delivered through online instruction (DL or Distance Learning) or through a combination of traditional classroom and online instruction (hybrid), class participation is no less important, though its measurement may be somewhat different.

The Nursing Department's requirement related to attendance exceeds the college policy. Nursing students are required to attend 90% of classes, labs, and clinicals. At the discretion of the instructor, a written assignment or makeup clinical may be given for hours missed determined to be unavoidable.

RCC GRADING SYSTEM:

Richmond Community College employs a system of letter grades and corresponding quality points per grade to evaluate a student's performance in meeting the stated goals and objectives for each course.**

SECURITY AND SAFETY PROCEDURES:

RCC's upgraded security procedures require all doors to be locked at class start-time.

All students, faculty, staff, and visitors must wear visible identification (ID) badges. Identification badges should be worn on the front of clothing. RCC employees can stop, restrict, and remove from any school-related activity or function anyone who does not display an ID badge.

STUDENTS WITH DISABILITIES:

Richmond Community College complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act, which require that no qualified student with a disability be excluded from participation in or be denied the benefits of any services, programs or activities on the basis of his or her disability. If accommodations in the classroom and/or in extracurricular activities are required, the student is encouraged to contact the Disability Services Counselor in Student Services prior to the start of the semester; however, a student may request accommodations at any time. Reasonable accommodations may take up to three (3) weeks to implement. Richmond Community College is committed to providing support and services to students with disabilities to help them obtain a quality education and to reach their goals. Assistance is provided, as necessary, and is intended to help students participate in and benefit from the programs and activities enjoyed by all students.

WITHDRAWAL:**

Students may withdraw from Richmond Community College curriculum courses up to the published Last Date to Withdraw (90% point of the section term). The student will receive a grade of "W" for the class and will not receive credit for the course. The "W" grade will not be used to compute hours earned or to compute the student's grade point average. If the student presents written documentation of extenuating circumstances which make it impossible to continue in the course after the 90% point, a late withdrawal (occurring after the published Last Date to Withdraw and on or before the last date of the section term) may be approved. A late withdrawal must be approved by the Vice President of Instruction.

In order to formally withdraw from a course, the student must complete a Student Initiated Withdrawal Form. The student is encouraged to read through the refund policies, and discuss the impact of withdrawing with their instructor, advisor, financial aid staff, and/or Veterans' Coordinator.

Individual instructors may have attendance requirements in individual classes. The instructor will notify the student if they are at risk of being withdrawn from an individual course due to the attendance requirements outlined on the Instructor's Course Requirements for an individual course. The instructor will notify the student's advisor and the Veterans' Coordinator if an instructor initiated withdrawal is imminent for courses that have an attendance policy. Instructors not having a course specific attendance policy are not allowed to withdraw students due to attendance.

A withdrawal occurring before the 10% census reporting period ends for that course will not be included on the student's transcript. This is considered dropping a course.

Depending upon what point in the semester the student withdraws from a course, financial consequences may occur for the student if they are receiving any form of financial aid, scholarships, and/or veterans benefits. Students receiving financial aid should refer to the Financial Aid Procedures and Policies provided in the Financial Aid Award Letter Supplement and also available at <http://richmondcc.edu/admissions/financial-aid>. Students receiving VA education benefits should refer to the Department of Veterans Affairs Procedures provided in the RichmondCC Student Handbook available at <http://richmondcc.edu/student-services/student-handbook>

****Please refer to the online version of RCC's Catalog & Student Handbook for current academic and general policies.**