



COURSE SYLLABUS

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COURSE: EMS 285 EMS CAPSTONE

HOURS: Lecture: 1 Lab/Shop: 3 Work Exp/Clinical: 0 Credits: 2

COURSE DESCRIPTION:

This course provides an opportunity to demonstrate problem-solving skills as a team leader in simulated patient scenarios and is required for paramedic certification. Emphasis is placed on critical thinking, integration of didactic and psychomotor skills, and effective performance in simulated emergency situations. Upon completion, students should be able to recognize and appropriately respond to a variety of EMS-related events.

PREREQUISITE(S): EMS 220, EMS 250, EMS 260

COREQUISITE(S): NONE

TEXTBOOK(S) & OTHER SPECIAL REQUIREMENTS:

Saunders, Mick. Saunders' Paramedic Textbook 5th Ed. Burlington MA: Jones and Bartlett Learning, 2019
ISBN: 978-1-284-15691-1

STUDENT LEARNING OUTCOMES:

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

1. Display the ability to perform a focused and accurate history and physical examination, pertinent to the illness or injury of each patient.
2. Demonstrate the ability to perform accurate vital signs on patients of all age groups.
3. Demonstrate a working knowledge of CPR and obstructed airway techniques, as per American Heart Association guidelines.
4. Demonstrate an understanding of aseptic techniques.
5. Demonstrate the ability to control bleeding and apply dressings and bandages to a variety of wounds, using aseptic techniques.
6. Demonstrate an understanding of the principles of splinting, and safely, gently, and effectively immobilize a variety of injuries using these principles.
7. Demonstrate an understanding of the rationale and indications for spinal immobilization. Display the ability to appropriately immobilize patients using a variety of equipment, i.e., scoop stretcher, long backboard, and KED.
8. Demonstrate an understanding of the principles of basic and advanced airway management techniques.
9. Safely and correctly administer oxygen, choosing devices and flow rates appropriate to patient condition.
10. Demonstrate the correct methods for the use of bag-valve-mask and demand valve devices.

11. Demonstrate advanced airway management, proficient use of equipment 11. Display an understanding of the indications for and use of oropharyngeal and nasopharyngeal airways, and correctly insert them.
12. Display an understanding of the indications for orotracheal and nasotracheal intubation, and correctly perform these skills.
13. Demonstrate an understanding of the principles of suctioning, and correctly use oropharyngeal and endotracheal suction devices.
14. Display an understanding of indications, possible complications, and correct technique for initiation of peripheral IV therapy, and perform same using aseptic technique.
15. Display an understanding of the correct method for calculating drug dosages and correctly mix and administer IV, IM and SC medications using aseptic technique. Discuss the circumstances surrounding the administration of medication, including patient-assisted medication and paramedic-administered medication.
16. Discuss the advantages, disadvantages, and techniques for performing intravenous (IV) therapy.
17. Describe complications that can occur as a result of IV therapy.
18. Describe special considerations when performing IV therapy on a pediatric or geriatric patient.
19. Discuss the advantages, disadvantages, and techniques for establishing an intraosseous (IO) IV line
20. Discuss the systems of weights and measures used when administering medication.
21. Discuss the advantages, disadvantages, and techniques for administering a medication orally, subcutaneously, intramuscularly, sublingually, intranasally, via inhalation, intravenously and by the interosseous routes
- 22. Perform all assessments, competencies and actions that would be expected of an entry-level Paramedic.**

TEAM LEAD

Team Lead will begin with the first day of the internship and allowed to be completed as late as the last week of the internship semester. Deficiencies cannot be completed in the lab setting. If the clinical coordinator identifies students that are approaching the mid-point of the internship semester and have not met their required team leads, the students may be re-assigned to more active units or may have their clinical hours extended to ensure compliance.

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.**