



EMERGENCY MEDICAL CARE II

Date 2/29/2012
(/DAP)

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2 - 6 - 4

COURSE NUMBER: EMS 106-E01

PREREQUISITE(S): Acceptable ASSET or COMPASS score (or the equivalent) on file with Admissions.

Must be 18 years of age prior to the last course date to be eligible to challenge certification exams.

EMS 105 – Emergency Medical Care I

CO-REQUISITE(S): AHS 101 – Introduction to Health Professions
AHS 102 – Medical Terminology
AHS 104 – Medical Vocabulary/Anatomy

COURSE DESCRIPTIONS This course is a study of medical emergencies, operations, pediatrics, and other special populations as it relates to the provision of pre-hospital emergency medical care to critically ill and injured patients.

PURPOSE OF THE COURSE: To further develop in the student a level of knowledge, skills, and attitudes at the EMT level consistent with the expectations of the public and the profession that are necessary to practice the art and science of prehospital medicine in conjunction with medical direction in order to prevent and reduce mortality and morbidity due to illness and injury.

GOAL OF THE COURSE: To prepare competent entry-level EMTs in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

TEXTBOOK(S): Mistovich, J. & Karren, K. (2010). *Prehospital Emergency Care, 9th edition*. Upper Saddle River: Pearson/Prentice Hall.

REFERENCE(S): American Heart Association, (2011). *BLS for the Healthcare Provider Student Manual*. American Heart Association.

American Heart Association, (2011). *2010 AHA Guidelines for CPR & ECC*. American Heart Association. Retrieved 8/5/2011 from:

http://circ.ahajournals.org/gca?submit=Get+All+Checked+Abstracts&gca=circulationaha%3B122%2F18_suppl_3%2FS640&gca=circulationaha%3B122%2F18_suppl_3%2FS657&gca=circulationaha%3B122%2F18_suppl_3%2FS665&gca=circulationaha%3B122%2F18_suppl_3%2FS676&gca=circulationaha%3B122%2F18_suppl_3%2FS685&gca=circulationaha%3B122%2F18_suppl_3%2FS706&gca=circulationaha%3B122%2F18_suppl_3%2FS720&gca=circulationaha%3B122%2F18_suppl_3%2FS729&gca=circulationaha%3B122%2F18_suppl_3%2FS768&gca=circulationaha%3B122%2F18_suppl_3%2FS787&gca=circulationaha%3B122%2F18_suppl_3%2FS818&gca=circulationaha%3B122%2F18_suppl_3%2FS829&gca=circulationaha%3B122%2F18_suppl_3%2FS862&gca=circulationaha%3B122%2F18_suppl_3%2FS876&gca=circulationaha%3B122%2F18_suppl_3%2FS909&gca=circulationaha%3B122%2F18_suppl_3%2FS920&gca=circulationaha%3B122%2F18_suppl_3%2FS934.

OTHER REQUIRED MATERIALS, TOOLS, AND EQUIPMENT:

Pocket mask with one-way valve and oxygen port.

METHOD OF INSTRUCTION:

Lecture
Discussion
Handouts
Demonstrations
Practical hands-on
Case studies
Small work groups
Take home assignments
Lab exercises
Human patient simulation
Practical testing
Written exams

GRADING SYSTEM:

90 - 100 = A
80 - 89 = B
70 - 79 = C
60 - 69 = D
Below 60 = F

** EMT requires a *minimum passing score* of 80.0.

** **GRADES IN THE COURSE WILL NOT BE ROUNDED**

**GRADE
CALCULATION
METHOD:**

Exams (3 Module Exams - 15% each)	=	45%
Homework & Quizzes (Averaged; low 1 dropped)	=	15%
Affective Domain	=	15%
Final Written Exam (Cumulative)	=	<u>25%</u>
	=	100%

EXAMS: Exams may consist of multiple choice, matching, and/or short answer questions. Exams will be given per the class schedule unless changes are announced at least one class meeting prior. Students must not be absent from announced tests without making prior arrangements with the instructor. In the case of an emergency, it is the responsibility of the student to contact the instructor by phone to make alternative arrangements. A message can be left on the instructor's personal voice mail at 864-423-3215 if unable to reach the instructor in person. As a last resort, a message may be sent to the instructor's email at parisd@sccsc.edu if unable to reach the instructor or his voice mail. FAILURE TO OBSERVE THE AFOREMENTIONED PROCEDURE OR, AN UNEXCUSED ABSENCE ON A TEST DAY WILL RESULT IN A "ZERO" BEING ASSIGNED FOR THAT MATERIAL.

MAKE UP EXAMS: Make-up exams are given at a time decided upon by the instructor. The format for the make-up exam is at the discretion of the instructor. Scores on a make-up exam will be automatically dropped one full grade with the highest possible score being an "89". Absences from two or more exams will be closely scrutinized. The instructor may, at his discretion, excuse the student from the make-up exam with a corresponding increase in the weight of the final exam.

QUIZZES: "Pop" quizzes may be given unannounced at any time at the discretion of the instructor.

HOMEWORK: Completion of homework assignments is imperative. Failure to complete assigned work will result in conference. Homework is frequently posted to Blackboard. It is the responsibility of the student to visit Blackboard to access homework and to secure access to a computer with MS Word, Adobe Acrobat Reader, and a printer as necessary. Homework is due at the scheduled class start time. Late homework submitted during class but on the due date will be penalized one (1) letter grade. Late homework submitted after class on the due date will not be accepted.

Homework must be stapled with one (1) staple in the upper left corner. A stapler will not be supplied.

FINAL EXAM: The final exam will be cumulative from the beginning of EMS 105. The final exam **MUST** be taken and cannot be exempted. The final exam will consist of two components – a practical hands-on component and a cumulative written component.

PRACTICAL COMPONENT: The practical component will consist of a minimum of four (4) stations, each consistent with and scored according to, current National Registry standards. A grade of Pass/Fail will be assigned for each station. Each candidate will be allowed three (3) attempts per station. If, after failing all 3 attempts at any station(s), the candidate will be considered to have failed the entire practical exam and therefore, the course.

Failure of the practical exam will constitute failure to meet course requirements and will result in a failing course grade of “U” regardless of other didactic grades and, will necessitate repetition of the entire EMT curriculum. The candidate shall be ineligible to challenge the final written exam or the NREMT-EMT exams.

Absence from any portion of the practical exam without having made prior arrangements with the instructor will result in failure of the entire practical exam and therefore, the course.

WRITTEN COMPONENT: The cumulative written component will consist of questions from five areas related to EMT Emergency Medical Care: Airway, Ventilation & Oxygenation; Cardiology & Resuscitation; Trauma; Medical/OB/Gynecology; and EMS Operations, and will account for 25% of the course grade.

**** NOTE:** College regulation requires that the students' final course grade be a minimum of 80% to be successful and, eligible to challenge the NREMT certification exams.

NATIONAL REGISTRY OF EMTs CERTIFICATION EXAMS: Effective July 1, 2000, the state of South Carolina adopted the National Registry of Emergency Medical Technicians EMT exam as the exit exam for all initial EMT courses. This exam provides continuity among all states that utilize this exam, as it tests candidates to nationally recognized and approved standards.

PRACTICAL EXAM: The usual and customary fee for the NREMT-Basic Practical exam is \$20.00 per station (x 4) = \$80.00. This fee is the responsibility of the student. The student is responsible for registration and arranging payment through the Upstate EMS Council prior to the exam. ***Please see your instructor for required registration information.***

WRITTEN EXAM: It is the responsibility of the student to create an account with, and make application to the National Registry of EMTs in order to be eligible to challenge the written exam. This must be done prior to completion of class and will be announced in class. The fee for the written exam is \$70.00 payable *only* on the NREMT website via credit card and must be paid prior to completion of the course. This fee is the responsibility of the student. Detailed information can be found on the National Registry of EMTs website at www.nremt.org.

Note: Computer adaptive certification exams are now administered by the National Registry of EMTs through an independent testing site (Pearson Vue).

**** NOTE:** The creation of an account and making application to the NREMT does not guarantee eligibility to test. Eligibility to test is based on successful completion of all course requirements.

CERTIFICATION: South Carolina state law now requires that both a federal and state criminal background check be performed on all individuals applying for certification or recertification as an emergency medical technician at all levels. The authorized agent to perform this process for the Department is L1 Identity Solutions (<http://www.l1id.com>). This process will be completed only *after* successfully completing the practical *and* written certification exams. The cost for this SC required background check is \$37.25 and is the responsibility of the student. Also visit <http://www.scdhec.gov/health/ems/BackGroundChecks.pdf> for more information.

**ATTENDANCE
POLICY:**

The student is responsible for punctual and regular attendance in all classes, laboratories, clinical, practica, internships, field trips, and other required class activities. The College does not grant excused absences; therefore, students are urged to reserve their absences for emergencies. When illness or other emergencies occur, the student is responsible for notifying instructors and completing missed work if approved for late submission by instructors.

Excessive absenteeism will not be tolerated. By SC DHEC EMS Division policy (Enclosure 4), a student may miss 10% of the total classroom hours for any reason. Arriving to class late or leaving class early counts toward allotted hours of time missed. All work missed must be made up at the convenience of, and to the satisfaction of the instructor before completion of the last class; however, the make-up of the work missed will not erase the hours of absences.

Once a student has exceeded the allotted hours of absences, he/she may be terminated from the course and will not be eligible for a refund of any costs associated with the course and, the student will be ineligible to attempt the National Registry of EMTs practical or written examinations.

It is then also the responsibility of the student to properly withdraw from the course via normal College channels to receive a grade of "W". ****Note:** By college policy, a student cannot initiate a withdrawal during the last 25% of the course and therefore will receive a grade of "F" for the course based on attendance.

The SC DHEC EMS Division attendance policy will be strictly enforced.

Regular attendance at scheduled classes and lab sessions is imperative for the student to attain success in the pursuit of their studies. If a student is absent, the student is still held accountable and is responsible for obtaining the notes, handouts, announcements, changes (including test dates), etc. that occurred on that day. Missed material is the responsibility of the student, however unannounced quizzes cannot be made up and late homework will be subject to penalty as outlined above in Grade Calculation Method.

A student is considered tardy if he/she is not in the classroom at the time the class is scheduled to begin. Tardy students will be admitted to class only at the discretion of the instructor. Tardies are recorded in 15 minute increments only. Any part of a quarter hour will result in the tardy being recorded as the full quarter hour missed, e.g., a student coming in 17 minutes late will be penalized for 2 quarter hour periods.

Instructors maintain attendance records. However, it is the student's responsibility to withdraw from a course. A student enrolling in and attending at least one course session remains enrolled until the student initiates a withdrawal.

Withdrawal Policy: During the first 75% of the course, a student may initiate withdrawal and receive a grade of W. A student cannot initiate a withdrawal during the last 25% of the course. Extenuating circumstances require documentation and approval by the appropriate department head and academic dean.

Absences for Religious Holidays: Students who are absent from class in order to observe religious holidays are responsible for the content of any activities missed and for the completion of assignments occurring during the period of absence. Students who anticipate their observance of religious holidays will cause them to be absent from class and do not wish such absences to penalize their status in class should adhere to the following guidelines:

1. Observance of religious holidays resulting in three or fewer consecutive absences: Discuss the situation with the instructor and provide written notice at least one week prior to the absence(s). Develop (in writing) and instructor-approved plan which outlines the make

up of activities and assignments.

2. Observances of religious holidays resulting in four or more consecutive absences: Discuss the situation with the instructor and provide the instructor with written notice within the first 10 days of the academic term. Develop an instructor-approved plan with outlines the make up of activities and assignments.

**CLASSROOM
CONDUCT:**

ACADEMIC DISHONESTY: Students are expected to uphold the integrity of the College's standard of conduct, specifically in regards to academic honesty. All forms of academic dishonesty including, but not limited to, cheating on assignments/tests, plagiarism, collusion, and falsification of information will call for disciplinary action. Disciplinary action imposed may include one or more of the following: written reprimand, loss of credit for assignment/test, termination from course, and probation, suspension, or expulsion from the College.

For further explanation of this and other conduct codes, please refer to the Student Handbook.

- CHEATING:** Cheating is identified as, but not limited to, the following:
- a. Copying another student's work or test.
 - b. Using unauthorized materials during a test.
 - c. Collaborating with another during a test or on assignments.
 - d. Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part, contents of a test or other work.
 - e. Bribing another person to obtain tests or information about tests.
 - f. Substituting for another student, or permitting another to substitute for one.
 - g. Providing answers or discussion about test questions or other section of a same EMS course.
 - h. Sharing of any designated password assigned by the College or sharing of clinical facility assigned password.
 - i. Unauthorized printing of tests.

PLAGIARISM: EMT Faculty has a zero tolerance for plagiarism. Students who plagiarize course work are subject to investigation of such work and a failing grade for the course. Plagiarism is the appropriation of any other person's

work and the unacknowledged incorporation of that work in one's own work offered for credit.

FALSIFICATION: Falsification of information is, but not limited to the following:

- a. Forgery, alteration, or misuse of college documents, records, or identification.
- b. Destruction of evidence with the intent to deny its presentation to the appropriate hearing or panel.

Any proven case of academic dishonesty will result in an "F" for the assigned work or test and may result in administrative withdrawal from the course with a grade of "F" assigned after an administrative hearing. Additional sanctions including administrative probation or suspension appropriate to the incidents may be imposed pursuant to the Student Code and Grievance Procedures.

CELLULAR PHONES AND PAGERS/BEEPERS: Cellular phones, pagers and beepers are not permitted to be turned on or used within the classroom. Use of these devices during classroom time will be considered a violation of the student code as it relates to "disruptive behavior."

EMT COURSE POLICY REGARDING ELECTRONIC DEVICES:

Cell phones, pagers, alerting devices and the like are required to be turned off during class. If a device alerts during class, the student will be removed from class for the remainder of the class period and a "0" score will be awarded for any quizzes or work assigned for the remainder of that period. Should a device alert during a quiz or exam, the student will be removed from class immediately and receive a "0" on that quiz or exam.

**CLASS/LAB
PROCEDURES:**

PARTICIPATION: Participation during laboratory sessions is critical. Failure to attend/participate in lab sessions may be cause for dismissal. Students are required to respect all classroom and lab materials, equipment and supplies and, treat these resources frugally and with care.

STUDENT RESPONSIBILITY: The student is responsible for all the information from the textbook. Skills are performed to current standards set by the National Registry of EMTs.

STUDENT DRESS: Students must dress in a manner that does not present a safety hazard and that does not result in

unnecessary disruption. Casual dress is permitted providing all clothing is neat and professional in appearance and free of rips, tears, or holes. Clothing shall be non-revealing with regard to bending, stooping, or performing EMS-type functions in the classroom. Sunglasses are prohibited in the building at all times and applies to all students.

INTERNSHIPS: EMT students are required to complete scheduled internship and clinical requirements as outlined under separate cover in *EMT Clinical / Internship Guidelines*.

Failure to complete 5 Patient Care Reports (PCRs), *and* a minimum of 24 hours of internship will result in a grade of “Unsuccessful” as allowed and outlined by the college. A grade of “U” will render the student ineligible to challenge the NREMT EMT exams.

UNIFORMS: Designated uniforms must be worn during all clinical and internship activities. The uniform consists of the burgundy Spartanburg Community College/EMT golf/polo shirt with the EMT Department patch that are to be purchased at the Book Inn. Navy BDU-type pants, black footwear and a black belt are required; steel footwear toes are preferred. Athletic shoes are acceptable if clean and unworn. SCC ID tags will be provided and must be worn during all internship and clinical hours.

INCLEMENT WEATHER POLICY: Spartanburg Community College will announce school closings due to inclement weather. Listen to your local radio or television stations, check the websites of local news channels or the SCC website at <http://www.sccsc.edu/> for these announcements.

Should school be closed or classes delayed due to inclement weather, any scheduled student internships are also cancelled until the College resumes operation.

SMOKING: Smoking is only permitted in designated areas per college policy. These areas must be twenty five (25) feet from the entrance of any building. Designated smoking areas are to be kept clean and butts should be placed only in approved receptacles. When in uniform at a clinical or internship site, smoking is not allowed.

CONFLICT RESOLUTION: If you have an issue that must be dealt with, please follow the following sequence:

Lead Instructor → Dean, Health & Human Services

Failure to follow this sequence may result in a delay of resolution of the issue.

CLASS SCHEDULE: The class schedule is posted under separate cover and may be found on Blackboard → EMT → Syllabus and Class Schedule. It is the student's responsibility to check this schedule frequently for updates and revisions.

ACCOMMODATIONS: Students who need special accommodations in this class because of a documented disability should notify Student Disability Services by calling (864) 592-4818, toll-free 1-800-922-3679; via email through the SCC web site at www.sccsc.edu/resources/disabilities; or by visiting the office located in the East Building Room 30-B on the SCC Central campus. Contacting Student Disability Services early in the semester gives the College an opportunity to provide necessary support services and appropriate accommodations.

**INSTRUCTOR
CONTACT
INFORMATION:**

Lead Instructor
Douglas A. Paris, M.Ed., NREMT-P
Office: (Adjunct) Health Sciences Building, Rm. 140
Cell Phone: 864-423-3215
Email: parisd@sccsc.edu

Lab Instructor
Christina O. Henderson, NREMT-P
Office: (Adjunct) Health Sciences Building, Rm. 140
Cell Phone: 864-350-9964
Email: hendersonc@sccsc.edu

Dean, Health & Human Services
Dr. Rita Melton
Office: Health Sciences Building, Rm. 145
Phone: 864-592-4835
Email: meltonr@sccsc.edu

COURSE
OUTCOMES &
OBJECTIVES:

Upon satisfactory completion of the EMT course, the student will be able to:

- I. **Outcome:** Medical Knowledge – The student will demonstrate an entry-level but broad range of medical knowledge.
 - A. **Objective:** Given a patient with a medical complaint, the EMT will perform a critical analysis of a scene, historical data and assessment findings that leads to an accurate field impression for intervention and treatment.
 - B. **Objective:** Given a patient with a traumatic injury, the EMT will perform a critical analysis of a scene, historical data and assessment findings that leads to an accurate field impression for intervention and treatment.
 - C. **Objective:** Given a patient with a medical or traumatic emergency, the student will devise a plan for, and implement appropriate therapeutic interventions.
- II. **Outcome:** Clinical/Technical Skills – The student will demonstrate a broad range of treatment and intervention skills appropriate to the role of the EMT.
 - A. **Objective:** Given a medical or trauma patient, the student will perform a thorough patient assessment to elicit positive findings and pertinent negatives.
 - B. **Objective:** Given a medical or trauma patient, the student will select and perform appropriate diagnostic tests within the scope of his practice.
 - C. **Objective:** Given a medical or trauma patient, the student will analyze and interpret performed diagnostic tests to confirm or rule out suspected illness or injuries.
 - D. **Objective:** Given a medical or trauma patient, the student will perform approved therapeutic

procedures and modalities.

- III. **Outcome:** Communication – The student will demonstrate effective written, electronic, and verbal communication with patients and other healthcare providers.
 - A. **Objective:** Given a patient with a medical complaint or traumatic injury, the student will conduct an interview (SAMPLE history) with a patient, family member or bystander to elicit pertinent historical data.
 - B. **Objective:** The student will communicate verbally
An oral report of a medical or trauma patient in person to a staff member at a receiving hospital.
 - C. **Objective:** The student will construct a hand-written Patient Care Report (PCR) on a medical or trauma patient.

- IV. **Outcomes:** Affective behavior – The student will demonstrate personal behaviors consistent with professional and employer expectation of an entry-level EMT.
 - A. **Objective:** The student will discuss and demonstrate through practice, characteristics that demonstrate a positive professional image.
 - B. **Objective:** Through their appearance, the student will project a positive image.
 - C. **Objective:** Under general supervision of a preceptor and in often stressful situations, the student will develop and maintain a positive and professional attitude with a patient.

STUDENT SYLLABUS RECEIPT ACKNOWLEDGMENT

I, _____ am aware the course syllabus for *EMS 106 - Emergency Medical Care II* is on BlackBoard. I have been shown how to access the syllabus. The syllabus has been explained to me, and I have had my questions satisfactorily answered by the instructor. I understand that it is my responsibility to keep the syllabus in my possession for future reference. I will take the initiative and maintain the necessary degree of persistence to get any future questions answered by the instructor. I understand that additional help may be obtained from the instructor by appointment, but that it is my responsibility to seek such help.

I understand the potential for both passing and failing the EMT course, and that I must obtain a cumulative grade average of at least 80.0% in order to successfully complete the course. I agree to adhere to all course, departmental and Spartanburg Community College policies as referenced in the accompanying syllabus.

Date: _____

Student Signature: _____

Instructor Signature: _____