Spring 2013

Colorado Mountain College

I. Course and Instructor:

Format: Lecture

Course Information:

Course Title: EMS 145-Emergency Medical Technician
Synonym Number: 72383
Course Code:
Credits: 7
Semester: Fall 2012
Prerequisite: None
Corequisite: EMS 146, EMS 170
Meeting Times and Days: TH, F
Class Location: CMC at Edwards, RM 134

Start Date:	1/17/2013	*End Date:*	5/1/2013
Refund Date:	2/1/2013	*Withdraw Date:*	4/7/2/13

Instructor Information:

Instructor Name: Joseph Crutcher
Phone: (Office) (970) 569-2939
CMC Fax: (970)569-3309
E-Mail: (Office) *jcrutcher@coloradomtn.edu*
Office Hours: By appointment only.

II. Course Description:

Introduces the fundamental knowledge of basic emergency care (EMS system) and transportation of the sick and injured. Upon successful completion of the EMT Certificate Program, students receive a certificate of course completion and are eligible to take the National Registry of EMT's certification examination.

III. Student Learning Outcomes, Competencies, and Skills:

Upon successful course and co-requisite completion, the student will be able to take a certification exam at the EMT Basic level.

IV. IDEA Objectives

1. Gaining factual knowledge (terminology, classifications, methods, trends).
2. Learning fundamental principles, generalizations, or theories.
3. Learning to apply course material (to improve thinking, problem solving, and decisions).
4. Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course.
5. Acquiring skills in working with others as a member of a team.

6. Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.).
7. Developing skill in expressing oneself orally or in writing.
8. Learning how to find and use resources for answering questions or solving problems.
9. Developing a clearer understanding of, and commitment to, personal values.
10. Acquiring an interest in learning more by asking questions and seeking answers.

V. Evaluation Methods and Class Management:

Acceptable completion of this course consists of meeting the objectives of the course and an average of 80% ("B").

A. Lecture

• In Class Quizzes	10%
• ICS 100, 700	10%
• 3 Exams	45%
• Final exam	35%
	100%

a. The grading scale can be changed by the instructor at any time should situations arise.

b. **Any student whose cumulative score drops below 75 at any point after the first exam will be will administratively withdrawn from the program.**

B. Make up quizzes/exams will be in essay/short answer format and must be made up within one week. Failure to do so will result in the grade of "0"being entered. **THERE WILL BE NO EXCEPTIONS TO THIS RULE.**

C. Grading System

90 - 100	=	A
80 - 89	=	B
70 and below	=	F

D. Attendance Policy

a. Attendance is required in all scheduled periods; lectures, discussion and laboratories. In case of extended absence, instructor must be notified prior to class or lab period. Instructor will provide his/her phone number at class commencement.
b. All learning experiences must be completed. The student is responsible for making arrangements to take missed quizzes, tests, and exams and to submit written assignments within one (1) week of the day originally specified.
c. In the event that the college is closed for any reason, make-ups are required and will take place on a weekend.
d. **Three** (3) absences for **ANY REASON** will result in **withdrawal (or failure)** from the course. Any gray areas should be discussed with the instructor first, not after the absence. Two (2) tardies are equal to one absence.

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E. Eligibility for Certification Examination

a. You must earn a grade of "B" or better in EMS 125 and EMS 170 to be eligible to take the National Registry of Emergency Medical Technicians EMT-Basic Examination.

F. Dress Code

a. Slacks-Navy blue or black (polyester, poly/cotton, cotton) uniform style pants that have belt loops and be able to hold a crease. No spandex or lycra fabrics. These can be purchased at any uniform supply or department store in the uniform section. When sizing, check that the ability to bend over and squat comfortably in these pants is not inhibited.

b. Shirt-White collared shirt designated Colorado Mountain College-EMS program. Shirts will be issued on, or near, the first night of class. Additional uniform shirts can be purchased from the EMS department. Shirts must be tucked in during class time.

c. Shoes/Socks-Black, closed toe, closed heel with heels less than 1" in height. No clogs. Black cotton or polyester calf length socks if shoes are worn.

d. Belt-Black uniform style belt with plain silver, appropriate sized buckle.

e. Hats are NOT permitted while wearing the Colorado Mountain College uniform except when working outside.

f. Hair- Males: must be neat, clean, and above the collar. Moustaches and beards are allowed, but must be neatly trimmed.
Females: must be neat, clean and above the collar.
If hair is longer than the collar, it must be affixed to the head above the collar.

g. Jewelry- Only wedding bands may be worn with the uniform. No other jewelry may be worn with the uniform except a wristwatch. This includes any form of body jewelry that may be seen by a fellow student, patient, crewmember, or staff.

h. Fingernails- Must be clean and neat in appearance. Nails should not exceed further than ¼" past the finger to prevent injury to the patient or the student. The use of <u>LIGHT</u> polish shades is permitted.

i. Stethoscope- required item and can be purchased at through the EMS department or any medical supply store. **Stethoscopes will NOT be provided. Failure to bring your stethoscope to class after the third week of class will result in an absence.**

j. Wristwatch- watch with a second hand is required during all clinical and lab.

k. Nametag- Issued by Colorado Mountain College with written authorization obtained from the lab instructor after all paperwork is turned in. The nametag must be worn at lecture, lab, and clinical sites at the neckline or collar of the shirt. The nametag must an expiration date.

l. The student must carry their CPR card on their person at all times when wearing the Colorado Mountain College uniform.

m. Use of tobacco products, alcohol or illicit drugs are PROHIBITED in the classroom and any clinical site. Any student suspected of violating Colorado Mountain College's Drug Free Campus program will be removed from the classroom or clinical site and referred to appropriate Colorado Mountain College administrators.

n. The Colorado Mountain College EMS uniform shall be worn during lecture, lab, clinical sites and traveling to and from these locations only. Any extra activities (parades, etc. where the student will participate) will be approved by the EMT-Basic program coordinator. Violation of this policy will result in referral to the EMS Program Director for possible dismissal from the program.

Tentative Course Schedule

NOTE: This schedule is subject to change at any time, depending on instructor evaluation of student skills/understanding/knowledge.

Week #	Date	Topic	Chapters	Quiz/Exam Covering
1	1/17	Orientation, Paperwork, Bloodborne Pathogens, HIPAA		
	1/18	Emergency Medical Care Systems, Workforce Safety and Wellness, and Medical, Legal, and Ethical Issues, Medical Assessment	1, 2, 3	
	1/24 & 1/25	No Lecture		
3	1/31	Quiz 1, Anatomy and Physiology	7	1, 2, 3
	2/1	Quiz 1 Review, Anatomy, Pathophysiology	7, 8	
4	2/7	Pathophysiology, Lifespan Development	8, 9	
	2/8	Quiz 2, Airway Management	10	7, 8
5	2/14	Quiz 3, Quiz 2 Review, Vital Signs, Scene Size-up	11, 12	9, 10
	2/15	Quiz 3 Review, Patient Assessment, Documentation	13, 4	
6	2/21	Exam I		1-4, 7-13
	2/22	Pharmacology, Shock and Resuscitation	14, 15	
7	2/28	Quiz 4, Cardiology	16, 17	15, 16
	3/1	Quiz 4 Review, Altered Mental Status, Diabetes, Seizures	18, 19, 20	
8	3/7	Quiz 5, Anaphylaxis, Toxicology	21, 22	17
	3/8	Quiz 5 Review, Toxicology, Abominal, Renal, Genitourinary, Gynecologic, Environmental Day Preparation	22, 23	
	3/14 & 3/15	No Class-Spring Break		
9	3/21	Quiz 6, Environmental, Submersion and Diving	24, 25	22, 23
	3/22	Quiz 6 Review, Behavioral	26	
10	3/28	Exam II, Trauma Overview, Shock Review	27, 15	14-26
	3/29	Exam II Review @ 1700, Bleeding, Burns, Musculoskeletal Injuries	28, 29, 30	
11	4/4	Quiz 7, Spinal Trauma, Head Trauma	32, 31	28, 29
	4/5	Quiz 7 Review, Eye, Face, Neck, Chest, Multi-system Trauma	33, 34, 36	
12	4/11	Exam III, Pediatrics, Geriatrics	37	15, 27-34, 36
	4/12	Exam III Review @ 1700	38, 39	
13	4/18	Quiz 8, Special Populations	40	38, 39
	4/19	Quiz 8 Review, Ambulance Operations, Gaining Access, HAZMAT	41, 42, 43	
14	4/25	HAZMAT	43	
	4/26	MCI, Response to Terrorism, Final Review	44, 45	
15	5/2	Final Exam		

NOTICE:

- A student judged to have engaged in academic misconduct as defined in the "Academic Policies and Requirements" section of the Colorado Mountain College Student Handbook will, at a minimum, receive a "zero" for the work in question. The student may also be removed from the class, resulting in a failing grade. All student course material may be submitted to safeassign.com (or another anti-plagiarism program) at the instructor's discretion. "Academic Expectations," the "Student Code of Conduct and Judicial Process" and more information about academic misconduct

can be found in the Student Handbook.

- Students are responsible for course materials from assigned text(s) and reading, lectures, labs, and other assignments as required.
- The instructor may alter any, or all, of this syllabus during the semester as the learning environment requires. Students will be notified in writing of changes.
- Attendance at all class meetings is expected.
- If you have a disability protected by the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act and feel you may need classroom accommodations based on the impact of your disability, please contact the Disability Services Coordinator on your campus.
  - Alpine and Edwards Campuses: Deb Farmer at 970-870-4450
  - Aspen, Rifle, and Roaring Fork Campuses: Cheri E. White at 970-947-8256
  - Summit and Timberline Campuses (including Chaffee County): Sandi Conner at 719-486-4200
- Students wishing to withdraw from this course must INITIATE the course withdrawal/drop process at the site Registration Office.
- This class could be cancelled one week prior to the census date if a sufficient number of students are not enrolled by that date.

VI. Grading System & Options

Information about grading is available in the Colorado Mountain College catalog. You will receive a grade report for current semester courses at the end of each term. This grade report is mailed to your permanent mailing address. Reports are mailed approximately two weeks after the end of the academic term.

VII. Required Course Materials

Mistovich JJ, Karren KJP. *Prehospital Emergency Care 9th Edition.* ISBN*:* 0135028094

VIII. Other Information:

In addition to the regular meeting times, two additional **MANDATORY** laboratory and scenario sessions will be held. These sessions will be scheduled on Saturdays and be approximately ten hours in length. Some additional travel may be required.

IX. Virtual Library Information

You will find online articles, books and other library resources on the following web site:
http://library.coloradomtn.edu/home

Virtual Library Help Desk

If you need help with the Virtual Library, email reference@coloradomtn.edu or call 800-621-8559, extension 2926 or 2804.

Are you passing your class?

Answer these ten questions to find out:

1. Yes No Have you read your class syllabus?
2. Yes No Have you purchased and received your textbook? (If applicable)
3. Yes No Have you attended all of the classes?
4. Yes No Have you arrived on time to each class you have attended?
5. Yes No Have you completed your reading assignments? (If applicable)
6. Yes No Have you completed your homework assignments? (If applicable)
7. Yes No Have you been attentive in class and taken organized notes?
8. Yes No Have you engaged in class discussions?
9. Yes No Do you understand the material being presented?
10. Yes No Have you scored a 70% or higher on tests and /or quizzes? (If applicable)

If you answered "no" to three or more questions, you may need help to pass.

Here's what you can do:

1. ***Communicate*** .Talk about your difficulties with your instructor.
2. ***Get organized***. Write dates in your free student daytimer, set alarms, leave yourself notes.
3. ***Get caught up***. Do your reading, submit your assignments.
4. ***Visit the learning lab***. If you are struggling with the material this is a great resource.
5. ***Visit a counselor***. They have big ears and big hearts. If life is getting in the way of learning, they may be able to offer resources to help. Make an appointment at the Learning Services Desk.
6. ***Drop the class***. If you drop before the refund date, you will get your money back. If you drop after the refund date and before the withdraw date, you will not get your money back, but you will not have an "F" on your transcript.

Why is it important to do well in this class?

Circle the reasons that are important to you:

1. You committed money to pay for it.
2. You committed time to register for it and participate in it.
3. You need it to graduate.
4. It's a stepping stone on which to build future skills and concepts.
5. A good GPA makes you eligible for many scholarships.
6. Good grades help in applying to other degree programs.
7. Doing well builds constructive habits that relate to good job performance.
8. Helps you earn higher wages in the job market.
9. Personal accomplishment.
10. Builds positive relationships with peers and instructors.