

EMC 200

Introduction to Prehospital Advanced Life Support

Course Description:

Roles and responsibilities of the EMT-Paramedic, components of an EMS system, medical-legal considerations, and communications in advanced life support settings.

Credit Hours: 2

Required Text:

Paramedic Emergency Care Bledsoe, Porter, Cherry (Volume 1). Upper Saddle River, N.J. Brady Co.

ISBN # 0-8359-5033-6

Recommended Text:

American Psychological Association Publication Manual (5th Ed.)
ISBN # 1-55798-790-4

Class Schedule:

EMC 200-001 21879

Tuesdays and Thursdays 9:30 am-10:45 am

Dizney # 238

Instructor:	Sandy Hunter MA Ed, NREMT-P
Office:	233 Dizney
Phone:	622-1030
E-mail:	Sandy.Hunter@eku.edu
Office Hours:	By Appointment

ATTENDANCE:

Attendance is mandatory for **all** class sessions. More than 20% unexcused absences will result in an administrative failure of the course. It is the responsibility of the student to notify the Instructor at his/her office if an emergency necessitates absenteeism. The student must also assume the responsibility to arrange for making-up any missed classes. Each student is expected to be punctual for class meetings. Two (2) incidents of unexcused tardiness will count as one (1) unexcused absence.

- If a student is absent during an examination, he/she must take the examination within **ONE WEEK** from the date of the primary testing.

- Any make-up examination **may** be different from the primary examination in form and method of delivery. If the examination is not taken within the allotted time or if alternate arrangements have not been made with the Instructor, the student will be given a zero (0) for the examination's score.
- All assignments, papers and projects will be penalized 15 % of the maximum grade for each date submitted beyond the deadline (without prior approval or medical excuse).

COURSE GOALS:

The purpose of this class is to provide an introduction into seven areas that affect both the Paramedic and the **EMS** system. An emphasis is placed on the general key concepts in these areas. It is expected that the student will master the objectives listed for each unit.

Disability Statement:

If you are registered with the Office of Services for Individuals with Disabilities, please make an appointment with the course instructor to discuss any academic accommodations you need. If you need academic accommodations and are not registered with the Office of Services for Individuals with Disabilities, please contact the Office directly either in person on the first floor of the Turley House or by telephone at (859) 622-1500 V/TTY. Upon individual request, this syllabus can be made available in alternative forms.

EVALUATION:

Grade Percentages				Grade Scale				
Exam # 1	=	10%		94	-	100	-	A
Exam # 2	=	10%		86	-	93	-	B
				80	-	85	-	C
Final Exam	=	25%		70	-	79	-	D
				00	-	69	-	F
Assignments	=	15%						
Presentations	=	30%						
Class Participation	=	10%						
total	=	100%						

UNITS OF STUDY:

1. Well Being
2. EMS Systems
3. Roles and Responsibilities
4. Medical-Legal
5. Diversity
6. Communications
7. Ethics

Three papers (projects) will be due throughout the semester, as noted on the course schedule, each focusing on the current unit of study. The topics for the paper **must** be related to those covered during that unit. Students **must** receive approval from the instructor for their topic prior to submitting their presentation. The sources for these articles must come from scholarly medical or professional journals (e.g., JEMS*, EMS Magazine*, Annals of Emergency Medicine*, Topics in Emergency Medicine, Lancet, JAMA*, New England Journal of Medicine, Occupational Health and Safety and *others as approved*). Each paper **must** cite at least 2 articles. At least one source must be a NON-internet source. Plagiarism **will** be result in a failing grade for this course. **Each paper is subject to being submitted to a commercial website for detection of any plagiarism.** There is no minimum length for these papers but the papers must demonstrate an adequate understanding of the topic. **Each paper must include a title page and a bibliography, and be double spaced with borders of 1 inch.** All articles used in the projects **must** be submitted (in total) with each project. **No projects will be accepted via fax or e-mail.** The instructor must receive all projects by the due date.

(* indicates that the journal is available in hard copy on campus)

All references in text **must** follow the APA style (5th edition - source books available in EKU library and bookstores). **No more than one half of your references may be from internet sites.** Only internet sites that are for corresponding journals, government and educational sites will be accepted unless special permission is given prior to their use.

Each project **must** submit a completed “checklist” with each project.

A sample of the bibliography is shown below (note the double spacing).

Hunter, S. L. (1999). How healthy are your workers? Save money and lives with health risk assessments. *Occupational Health and Safety* 68 (5), 114 – 115.

Hunter, S. L. (1998). What federal government control of the U. S. healthcare system may look like: A review of government controlled systems. *AHN Forum* 12, (1), 12 - 17.

JEMS EMS salary and workplace survey (2003) downloaded at

http://www.jems.com/jems/pdf/2003_salary_final.pdf on December 10, 2003.

General list of Dos and Don'ts (circle your answer)

Before you turn in a paper, project, homework or other work----- be sure and complete the following checklist.

For this project:

Yes / No does it adequately reflect my knowledge of the subject matter

Yes / No is it too wordy (this is your call ----- but I set reasonable limits)

Yes / No is it typed with correct spacing and margins

Yes / No does it contain jargon or acronyms (like EMS, rig, code-3), if so... you should spell those things out the first time you use them:
example: The profession of emergency medical services (EMS) has grown more sophisticated during the past 20 years.

Yes / No is it being turned in on time

Yes / No is it free of misspellings (use grammar and spell check programs)

Yes / No is it free of contractions (spell out contractions ---- (e.g., not "didn't, but "did not" instead)

Yes / No is it free of plagiarism (did you use citations --- be sure to include a highlighted copy of all of the articles you use -- if you use a book, copy the relevant pages and the cover)

Yes / No is it compliant with the APA 5th edition guidelines

If you answer yes to these questions, you may turn in the item. If you answer no to any question, fix it and then turn it in.

A sample of the referencing in text is shown below.

Significance:

Education and training seek to impart the “truth” to students and to foster in those students the skills to question and debate that truth. Stories are an important tool for teaching truth. Howard (1991) discusses two paradigms related to how people see the “truth”, constructivism and objectivism. Constructivists believe that reality exists independent of human interaction. They believe that all things can be discovered through the application of logical principles. Constructivists also believe that science and its principles are immutable. Objectivists believe that reality is relative.

Bruner (1986, 1990 as cited in Cole 1997) argues that there are two types of thinking: paradigmatic and narrative. Paradigmatic thinking is related to the development and use of abstract thought such as the value of a moral principle or faith. This thinking is not related to or greatly affected by the context of the learner’s life and or their surroundings. Based upon the paradigmatic view, a person’s thoughts on a topic (e.g., morality) are not dependent upon circumstance.

Another example:

Types of degrees

There is no universal list of Doctor's degree that is officially endorsed by the United States Department of Education. However, the National Science Foundation (NSF) recognizes the following degrees as equivalent to a Doctor of Philosophy (Ph.D.) (U. S. D. E., 2004) (Note: This is only a partial list.):

- Doctor of Education (Ed.D.)
- Doctor of Environment (D.Env.)
- Doctor of Environmental Design (D.E.D.)

The numbers of Doctor's degrees being conferred by universities is reported by the U. S. Department of Education as follows:

Total number of Doctor's degrees conferred in all fields (excluding professional degrees such as law and medicine) for the previous year was 444,250.

Notice: All students must either turn cell phones, pagers, PDA and other electronic media to the off position OR on "silent operation". No photographs may be taken during class without the instructor's permission.

Every effort has been made to assure that all of the dates listed in the course schedule are accurate and that they will not be in conflict with the university's schedule of events. However, if any such discrepancy exists, it is the responsibility of the student to bring that item to the attention of the instructor. Conflicts will generally be resolved in the deference to the university's schedule.

EMC 200 Course Schedule

<u>Date</u>	<u>Subject</u>	<u>Reading Assignment (plus on-line material)</u>
01/11	Course Introduction	
01/13	History of EMS	video to be presented in class
01/18	Introduction / Well Being	Paramedic Emergency Care Chapter 1 & 2
01/20	Well Being / EMS Systems	Paramedic Emergency Care Chapter 3
	<i>Well being assignment: part 2</i>	
01/25	Well Being / EMS Systems	Paramedic Emergency Care Chapter 3
01/27	Roles & Responsibilities	Paramedic Emergency Care Chapter 4
	<i>EMS Systems Assignment: part 2 due</i>	
02/01	Roles & Responsibilities	Paramedic Emergency Care Chapter 4
02/03	Scope of practice	internet address
02/08	Research in EMS	handout
02/10	Research in EMS	
02/15	tba	
02/17	Presentations <i>Students will submit papers at the beginning of class.</i>	
02/22	Presentations	
02/24	Medical-Legal	Paramedic Emergency Care Chapter 6
	Medical-Legal Assignment: part 2 due	
03/01	Medical-Legal	Paramedic Emergency Care Chapter 6
03/03	Exam # 1	
03/15	Diversity in EMS and Healthcare	EMS Magazine (November, 2003)
03/17	Diversity in EMS and Healthcare	EMS Magazine (November, 2003)
03/22	Diversity in EMS and Healthcare	EMS Magazine (November, 2003)
03/24	EMS Communications	Handouts and on-line video
03/29	EMS Communications	Handouts and on-line video
03/31	Presentations <i>Students will submit papers at the beginning of class.</i>	
	<i>Communications Assignment: part 2 due</i>	
04/05	Presentations	
04/07	Ethics	Paramedic Emergency Care Chapter 7
04/12	Exam # 2	
04/14	Illness and injury prevention	Paramedic Emergency Care Chapter 5
04/19	Bioterrorism	
04/21	Bioterrorism	
04/26	Presentations <i>Students will submit papers at the beginning of class.</i>	
04/28	Presentations	

Final Exam: Tuesday, May 3 8 am - 10 am

The university's bad weather schedule is available at: <http://www.eku.edu/news/weather/>

OR you may telephone 859 - 622 - 2239 (622-BADW)

Other Important dates		
January	17	Holiday – Martin Luther King Jr. Day. University offices closed.
	18	End of Add/Drop period: Last day to drop a course without a “W” appearing on your university transcript; last day to register for or add additional full-semester courses. Last day to convert “Pass-Fail” or “Audit” classes to a normal grade and credit option. Completed forms must be returned to: Registrar’s Office (SSB 239), or Corbin, Danville or Manchester ECU offices.
	28	Last day to convert a class for credit with normal grade to “Pass-Fail” or “Audit.” Completed forms must be returned to: Registrar’s Office (SSB 239), or Corbin, Danville, or Manchester ECU offices.
February	21	President’s Day University offices closed.
March	7-11	SPRING BREAK
April	29	Last day for undergraduate students to apply for December 2005 graduation.