

# **INTRODUCTION TO EMS SYSTEMS 120 – CRN: 55288 – SEC: 552**

## **FALL 2015 Course Syllabus**

Instructor: Patricia Peralta, AS PHARM, CPhT, AS EMS, AEMT

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Office Hours: Tuesday and Thursday 4:00 – 5:00

**CLASS MEETS Monday thru Friday from 8:00-9:00 AM in the Main Entrance Building**

**Textbooks:** Walz, Krumperman, & Zigmont – Foundations of EMS Systems; 2<sup>nd</sup> Edition  
**ISBN: 978-1-4354-8027-8**

**Course Description:** This course is an introduction to EMS systems which will cover the history of EMS, management, educational systems, transportation, public access and communications, clinical care and hospital emergency medicine, system finances, legislation and regulation, information systems, research, and emergency medical services and disaster response.

**Course Requirements/Expectations:** Class participation, chapter tests, and comprehensive final exam. Class participation includes in-class activities and assignments. These activities and assignments must be completed to receive a grade of passing for written work. The correct spelling of medical terminology is considered in the correctness of written assignments, tests/exams.

1. **Activities** may be homework assignments of in-class collaborative projects designed to focus learning and prepare students for the examinations. Students may utilize any resources (the text, the instructor, other students, online resources, library, medical library, etc.) they find helpful to complete these assignments. Students must refrain from simply copying another's work or answers!! If this occurs, the student will be dropped from the class. Be aware that there are many resources that do not completely or accurately explain human anatomy and physiology—one of your goals as a student is to develop the skills necessary to identify and use reputable and accurate reference materials. The assignments may take the form of quizzes, problems assigned from the text or instructor, and/or short collegiate essays (APA or MLA Format).
2. **All reading assignments** must be completed before class. Regular class attendance and participation in class discussions are expected.
3. **Quizzes/Exams** will be given at the discretion of the instructor.
4. **You will NOT be able** to make up missed exams unless you can provide written proof, from a physician or nurse, of an illness or emergency.
5. **Participation:** In-class assignments will consist of role-playing and scenario decision-making problems, group activities, and other related work. You are expected to fully participate in all activities in order to succeed in this class.
6. **Electronic Devices, of any kind, MUST BE OFF AND PUT AWAY DURING CLASS TIME unless specified by instructor.**

7. **Late assignments** will be penalized one full grade.
8. **Attendance of the Final Exam is mandatory.** If missed it cannot be made up.
9. **Exams** will cover the assigned reading assignments, lecture/lab content and UNM learning materials.
10. **If you are planning on missing an exam** due to a UNM-Valencia Campus or UNM-Main Campus authorized activity, you must notify the instructor prior to the exam in order that a make-up exam is scheduled for you.
11. **Be on time to class**
12. **Work on**, complete, and hand-in assignments by the due date.
13. **Be motivated** and maintain a positive learning attitude.
14. **Ask questions** and **Communicate** with your instructor in order to learn the expectations, rules, policies, etc. of your classroom and school.
15. **Do NOT waste** your valuable time in class.
16. **You must bring** your textbooks or any materials/supplies with you to class.

**Student Conduct:** instructors have a responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of teaching. Students may not engage in any activity, which the instructor deems disruptive or counterproductive to the goals of the class. The instructor has the right to remove offending students from the class.

**Special Needs:** If you require accommodation for a disability or special need, let the instructor know ASAP. Students bear the responsibility of contacting Equal Access Services at 505-925-8560 to document a qualifying disability, to have that office recommend appropriate accommodations, and for informing the instructor of those accommodations.

**Academic Honesty:** Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or otherwise fails to meet the standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course. Academic dishonesty includes, but is not limited to, dishonesty in quizzes, exams, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

**Student Behavior:** Please visit <http://pathfinder.unm.edu/campus-policies/student-code-of-conduct.html> for expectations regarding student behavior and for consequences to students who do not follow the code of conduct.

**Food and Drink:** NO food or drink allowed while working with the mannequins.

**Student Learning Outcomes (SLO) - Upon Successful Completion of the Course, You will:**

1. Understand the three main parts of a system.
2. Have the ability to list the 15 components of an EMS system as defined by the EMSS Act of 1973.
3. Have the ability to list the additional components necessary for a well-functioning EMS system.
4. Have the ability to list 14 attributes of an EMS system and seven critical patient groups.
5. Identify significant events and people that have shaped the development of EMS.
6. Identify hospital-based providers involved in the delivery of EMS.
7. List examples of specialized EMS providers.
8. Identify sources of EMS providers.
9. Identify the structure and parts of the National EMS Educations Standards.
10. Differentiate between a protocol and a standing order.
11. Identify the clinical components of a trauma system.
12. Have the ability to describe the role of EMS in disasters.

**Instructional Methods:** The strategies used will include assigned readings from the textbooks, class lectures using audiovisuals, in-class participation, problem-solving and decision-making activities, hands-on skill practice, and scenario-based practice.

**Course Communications:** Your final grade information will be posted at the end of the semester. We, as humans, are prone to making “errors” from time to time; therefore, if there is an “error” please bring it to my attention ASAP. Thank you.

**Grading Scale and Standards:** Grades are based on written work, chapter tests, quizzes, exams, lab skills, class participation, group presentation, and final exam. All work is graded from 0-100%; therefore, your final grade is cumulatively based.

<u>Grading %</u>	<u>Letter Grade</u>
97-100	A+
93-96	A
90-92	A-
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
0-59	F

## SCHEDULE

### Important to do the following:

1. Please read your chapters before class.
2. Please complete “Review Questions” at the end of each chapter.
3. Be prepared for quizzes and/or exams on all material read and covered in class.

### Schedule:

- Week 1: (Aug 24-28) Introductions, Review Syllabus,  
Chapter 1- Introduction to EMS  
Chapter 1 Review Questions  
Lecture/Presentation-Intro to EMS  
& Professionalism
- Week 2: (Aug 31-Sept 4) Chapter 2 – History of EMS  
Chapter 2 Review Questions  
Lecture/Presentation – History of EMS  
**Quiz-History of EMS**
- Week 3: (Sept 8-11) Chapter 3 – Human Resources  
Chapter 3 Review Questions  
Lecture/Presentation-EMS Structure  
**Exam-EMS Structure**
- Week 4: (Sept 14-18) Chapter 4 – Educational Systems  
Chapter 4 Review Questions  
Lecture/Presentation-EMS Training,  
Licensure & Regulations
- Week 5: (Sept 21-25) Chapter 5 – Transportation  
Chapter 5 Review Questions  
Chapter 6 – Medical Oversight  
Chapter 6 Review Questions
- Week 6: (Sept 28-Oct 2) Chapter 7 - Public Access & Communications  
Chapter 7 Review Questions  
Chapter 8 – Clinical Care  
& Hospital Emergency Medicine  
Chapter 8 Review Questions
- Week 7: (Oct 5-7) **MID-TERM Essay Preparation**  
(College MLA Format)  
on Severe Injuries (Brain Stem, Spinal Cord  
Laceration, Aortic Rupture, Heart Rupture, etc)
- (Oct 8-9) NO CLASS—ATTEND LAB at SODA-Personal  
Time for Research and Writing Your Essay.

- Week 8: (Oct 13-16)      **MID-TERM ESSAY DUE**  
Lecture/Presentation - Trauma
- Week 9: (Oct 19-23)      Chapter 9 – System Finances  
Chapter 9 Review Questions
- Week 10: (Oct 26-30)      Chapter 10 – Legislation and Regulation  
Chapter 10 Review Questions
- Week 11: (Nov 2-6)      Chapter 11- Public Education and Injury Prevention  
Chapter 11 Review Questions  
Lecture/Presentation – Occupational Hazards &  
Injury Prevention
- Week 12: (Nov 9-13)      Chapter 12 – Emergency Medical Services  
And Disaster Response  
Chapter 12 Review Questions  
Lecture/Presentation – EMS Special Operations
- Week 13: (Nov 16-20)      Chapter 13 – Information Systems & Evaluation  
Chapter 13 Review Questions
- Week 14: (Nov 23-24)      Chapter 14 – Research  
Chapter 14 Review Questions
- Week 15: (Nov 30-Dec 4)      Lecture/Presentation – Patient Assessment
- Week 16: (Dec 7-9)      **FINAL EXAM**

Note: Schedule subject to change at instructor's discretion, if needed.

## Parent/Student Agreement

Parents and /or Legal Guardian/s and student must read and sign this agreement in order for the student to participate in this course. The student shall return this form to the instructor the following school day.

This course is a dual credit course which means the student not only earns credit for their high school requirements, but they also earn 3 credit hours toward their collegiate academic endeavors.

This is a college level course and the male and female human anatomy and physiology will be presented and discussed. The content will be graphic, intense, and detailed via textbooks, audio/visual mediums, lectures, and presentations.

Due to the nature of this class students will be required to touch fellow classmates during lab portions of the class, if any. **ANY INAPPROPRIATE TOUCHING WILL RESULT IN IMMEDIATE DISMISSAL!**

If the instructor/s suspect any form of academic dishonesty, the student will be dismissed from the class, in compliance with UNM and EMSA policies. Students found cheating will be barred from attending any other EMS Academy courses and may face expulsion from the University pending a decision from the dean of students.

In order to receive college credit hours, the student is NOT allowed to miss more than 3 hours of class time.

I \_\_\_\_\_ agree to the above terms while attending the UNM-Valencia  
(Name of Student)

Campus Dual Credit Program, Introduction to EMS Systems 120, at the School of Dreams Academy.

\_\_\_\_\_ has my/our permission to participate in the  
(Name of Student)

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Student Date

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Parent and/or Legal Guardian Date

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