

Course Syllabus

NOTE: This syllabus is subject to change during the semester. Please check this syllabus on a regular basis for any updates.

Department : Emergency Services
Course Title : Medical Emergencies
Section Name : EMSP 2434
Start Date : 1/17/2012
End Date : 5/11/2012
Modality : Hybrid
Credits : 4

Instructor Information

Name : Stephen Berry,
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Course Description

This course is a detailed study of the knowledge and skills in the assessment and management of patients with medical emergencies. (SCANS 1, 2, 5, 8, 9, 10, 11)

Prerequisites/Co requisites

Program consent

Scans

SCANS 1, 2, 4, 5, 7, 8, 9, 10

Course Objectives

Course objectives utilize the framework of Differentiated Entry Level Competencies. On

completion of this course, students should be able to:

Provider of Care:

1. Analyze health care deviations in the patient experiencing complex alterations in multisystem functioning.
2. Correlate the physiological effects of aging with the patient's ability to recuperate from complex health needs involving multiple body systems.
3. Integrate elements of prehospital emergency care with patients experiencing complex health needs involving multiple body systems.
4. Utilize decision making skills, research-based findings, psychosocial, and cultural knowledge in planning and communicating care for patients with complex health needs involving multiple body systems.
5. Integrate knowledge of cognitive, psychomotor and affective skills essential for providing prehospital emergency care to patients with complex health needs involving multiple body systems.
6. Appraise the legal and professional implications that relate to the care of patients with complex health care needs involving multiple body systems.
7. Analyze physiological actions, side effects, and rationale, of pharmacological agents utilized in the care of patients with complex health needs involving multiple body systems.

Coordinator of Care:

8. Compose teaching relevant to health promotion/disease prevention for patients and their families to facilitate adaptation to complex health needs involving multiple body systems.
9. Examine economic and political issues impacting care of patients with complex health needs involving multiple body systems.
10. Identify a variety of community resources that assist patients with complex health needs involving multiple body systems to achieve an optimal level of health or to prepare terminal clients for death.

Member of a Profession:

11. Examine professional attributes of caring that assist the patient to adapt to complex health alterations within the critical care environment.
12. Justify situations which would necessitate advocacy for the patient within the critical care environment.

Learning Outcomes:

The student will utilize critical thinking skills and a systematic problem-solving process as a framework for providing care for patients with complex health care needs involving multiple body systems in emergency and critical care settings; and analyze the roles of the professional paramedic in the provision of care for patients and families.

Required Readings/Materials

a) You must purchase the following **required** readings/materials:

Bledsoe, Porter, Cherry (2008). *Paramedic Care 1-5* (3rd Ed.). Pearson, Prentice Hall: Upper Saddle River, NJ

Other Required Resources

Beasley, B. & Mistovich, J, (2006). *EMT-P Achieve: Paramedic Test Preparation, Student Access Code Packet*. Prentice Hall: New Jersey

b) You are encouraged to buy the following *optional* books/materials

Pagana, K.D. & Pagana, T.J. (2006) *Mosby's Manual of Diagnostic & Laboratory Test* (3rd Ed.). Mosby: St Louis

Mosby (2006). *Mosby's Dictionary of Medicine, Nursing, and Health Professions* (7th Ed.). Mosby; St Louis

Deglin, J. & Vallerand, A. (2006). *Davis Drug Guide for Nurses* (10th Ed.). Davis: Philadelphia

Course Requirements (Lectures, Assignments and Assessments)

Unit I

Vol. 3 Chapters 1 ,3,4

Unit II

Vol. 3 Chapters 5 - 7

Unit III

Vol. 3 Chapters 8 - 10

Unit IV

Vol. 3 Chapters 11 – 14

Unit V

AMLS

Course Skills and Other Requirements:

LABORATORY COMPONENT OF EMSP 2434

The laboratory component of EMSP 2434 is designed to prepare to improve the student's clinical skills and critical thinking skills. The following are requirements of the lab and although the weight grade of this portion of the class is 20%, all components must be completed with a 'pass'. Failure to complete any part of the Lab Component will result in an "F" for EMSP 2434

- 1) EMT Achieve Computer Program
- 2) AMLS – Advance Medical Life Support
- 3) Completion of National Registry Patient Assessment Medical

EMT Achieve

The EMT Achieve computer program is designed to develop and improve NREMT Exam test taking skills.

Grades will be calculated as follows:

Practice Lab Hours	50%
Average of 4 practice exams	50%

Practice lab will meet each Wednesday from 09:50 – 11:50. Attendance is mandatory each day from week 2 through the end of week 14. Two (2) hours of lab attendance will be required each week and a total of 24 hours are required for the semester. Practice Lab is to be used exclusively for NREMT Exam preparation with the use of EMT-Achieve: Paramedic Test Preparation – Student Access Code. No Lab time will be utilized or recognized for activities or studies other than with EMT-Achieve. Additional lab attendance outside scheduled class time will be arranged with the instructor. Make-up lab time will be arranged with the instructor.

The grading scale for EMT Achieve is:

24 Lab hours	100
<24 hours	5 points off lab grade for each hour less than 24 hours

A minimum grade of 70 is required on each practice exam.

Practice exams must be proctored by an instructor and timed.

Each practice exam may be taken an unlimited number of times until a grade of at least 70 is reached. Your highest grade at or above 70 will be recorded.

Practice exams may not be taken outside the scheduled lab times.

Practice lab test due dates will be announced by the instructor.

Topic/Overview: This week focuses on

Summary of Week 1 Assignments & Activities

Item(Name)	Type	Description
<i>Chapter 1,3,4</i>	<i>Homework</i>	

Topic/Overview: This week focuses on

Summary of Week 2 Assignments & Activities

Item(Name)	Type	Description
<i>EMT - Acheive</i>	<i>Homework</i>	

Topic/Overview: This week focuses on

Summary of Week 3 Assignments & Activities

Item(Name)	Type	Description
<i>Unit 1 Exam</i>	<i>Test</i>	<i>Test</i>
<i>Chapters 5, 6, 7</i>	<i>Homework</i>	

Topic/Overview: This week focuses on

Summary of Week 4 Assignments & Activities

Item(Name)	Type	Description
<i>Unit 2 Exam</i>	<i>Test</i>	<i>Test</i>
<i>Chapters 8, 9, 10</i>	<i>Homework</i>	

Topic/Overview: This week focuses on

Summary of Week 5 Assignments & Activities

Item(Name)	Type	Description
<i>Unit 3 Exam</i>	<i>Test</i>	
<i>Chapters 11, 12, 13, 14</i>	<i>Homework</i>	

Topic/Overview: This week focuses on

Summary of Week 6 Assignments & Activities

Item(Name)	Type	Description
<i>Unit 4 Exam</i>	<i>Test</i>	<i>Test</i>
<i>Skills Lab</i>		

Summary of Week 7 Assignments & Activities

Item(Name)	Type	Description
<i>AMLS</i>	<i>Class</i>	<i>Class</i>
<i>Final Exam</i>	<i>Test</i>	<i>Test</i>

Grading Policy

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1. The student will be expected to perform as stated in the objectives on the written exams and in classroom activities.
 2. A course grade of 70 or better is required to pass EMSP 2434. No assignments are optional. In order to receive a passing grade in EMSP 2434.
 3. Grades will be calculated as follows and averaged for the final course grade:

Homework	20%
Unit Exams	30%
Laboratory	20%
Final exam	30%

The grading scale for EMSP 2434 is consistent with that of the paramedic program:

Percentage %	Grade
90 +	A
80 - 90	B
70 - 80	C
60 - 70	D
Below 60	F

A course final grade below 70, “C”, does not meet criteria for progression/graduation. Students must meet all course requirements, or a grade of D or F will be assigned according to the above scale. Final course grades below 70.0 will not be rounded up.

- Unit and final exams will be constructed from a random sample of the material studied in each unit. These questions will mostly be done in the form of multiple choice questions. However, there may be some short essay questions. Drug calculation questions may also be on any major exam. Consult the course schedule for exam dates.

Each week, I will provide grades or scores and comments on assignments within 6 days of when they were submitted. After I send feedback each week, I will post a notification in the **Main** forum.

Late assignments receive a 10% deduction for each day they are late if assignments are not posted by 11:59 p.m. central on the day they are due. Assignments more than 5 days late will not be accepted. Technological issues will not be considered as valid grounds for late assignment submission. In the event of a server outage, students should submit assignments to the instructor.

Special Needs

Odessa College complies with Section 504 of the Vocational Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. If you have any special needs or issues pertaining to your access to and participation in this or any other class at Odessa College, please feel free to contact me to discuss your concerns. You may also call the Office of Disability services at 432-335-6861 to request assistance and accommodations.

Learning Resource Center (Library)

The Library, known as the [Learning Resources Center](#), provides research assistance via the [LRC's catalog \(print books, videos, e-books\)](#) and [databases \(journal and magazine articles\)](#). [Research guides](#) covering specific subject areas, [tutorials](#), and the "[Ask a Librarian](#)" service provide additional help.

Student E-mail

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Student Portal

Please access your [Odessa College Student E-mail](#), by following the link to either set up or update your account: <http://www.odessa.edu/gmail/>. **All assignments or correspondence will be submitted using your Odessa College email.**

Technical Support

For Blackboard username and password help and for help accessing your online course availability and student email account contact the Student Success Center at 432-335-6878 or online at https://www.odessa.edu/dept/ssc/helpdesk_form.htm.

Important School Policies

For information regarding student support services, academic dishonesty, disciplinary actions, special accommodations, or students and instructors' right to academic freedom can be found in the [Odessa College Student Handbook](#).