

# Course Syllabus

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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** : 1/18/2011  
**End Date** : 5/12/2011  
**Modality** : WEB ENHANCED  
**Credits** : 4

## Instructor Information

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**Name** : Jeremy Thomasson  
**OC Email** : jthomasson@odessa.edu  
**OC Phone #** : 432-335-6471

### Course Description

This course is a detailed study of the knowledge and skills in the assessment and management of patients with traumatic injuries. Lab fee required.

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### Prerequisites/Co requisites

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EMSP 1165; EMSP 1355; EMSP 2444

### [Scans](#)

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SCANS 1, 2, 5, 8, 9, 10, 11

## Course Objectives

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Course objectives utilize the framework of Differentiated Entry Level Competencies. On completion of this course, students should be able to perform in the following roles:

### **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 pre-hospital 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 pre-hospital 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 be able to

1. 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
2. Analyze the roles of the professional paramedic in the provision of care for patients and families.

## Required Readings/Materials

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

Bledsoe, Porter, Cherry (2008). *Paramedic Care 1-5* (3<sup>rd</sup> 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* (3<sup>rd</sup> Ed). Mosby: St Louis

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

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

## Course Requirements (Lectures, Assignments and Assessments)

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### UNIT OUTLINE:

#### 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

**LABORATORY COMPONENT OF EMSP 2434**

The laboratory component of EMSP 1338 is designed to improve clinical skills and critical thinking skills. The following skills that will be taught or reviewed:

1. NREMT Patient Assessment – Medical
2. EMT Achieve

EMT Achieve

Grades will be calculated as follows:

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|--------------------------------|-----|
| a. Practice Lab Hours          | 50% |
| b. Average of 4 practice exams | 50% |

Practice lab will meet each Thursday, from 20:00 to 22:00 Attendance is mandatory each day from week 2 through the end of week 14. Three (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 EMSP 2434 Practice Lab Hours 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.

Failure to pass both written and laboratory portions of EMSP 2434 will result in a grade of F, regardless of the actual numerical grade, and prohibits registering for Semester 2 through 5 EMSP courses.

A grade of PASS is required on each skill.

Two opportunities will be allowed to pass each skill.

The first opportunity is the Test and the second is the Re-Test.

Remedial training will be mandatory and successfully completed before the Re-Test.

Failure to pass both written and all laboratory portions of EMSP 2434 will result in a grade of F, regardless of the actual numerical grade, and prohibits registering for any other EMSP courses.

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.

Home work assignments must be turned in / completed on or before the due date no late assignments will be accepted unless arrangements have been made with the instructor prior to their deadline.

Lab Participation / preparation grades are subjective and will be determined by the Skills Instructors.

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, the student must be successfully completed all skills with a grade of pass in each skill.

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## **Grading Policy**

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Grades will be calculated as follows and averaged for the final course grade:

Unit Exams	40%
AMLS	10%
Homework	10%
Skills participation / preparation	10%
Final exam	30%

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. Grades below 70 will not be rounded up.

The final exam will be a comprehensive exam Students must make at least a 70 on the Final Exam to receive a passing grade in EMSP 2434.

All exams missed due to absence must be made up before the next scheduled class meeting. If an exam is not made up, the student will receive a "0" for that exam and the grades will be averaged accordingly. **This policy is not negotiable.** The student may expect an alternate method of testing for the make up exam. NOTE: **Students will be allowed make up exams only if they have notified the instructor prior to the scheduled time of the exam.**

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.

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

### Special Needs

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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)

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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

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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

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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

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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](https://www.odessa.edu/dept/ssc/helpdesk_form.htm).

## Important School Policies

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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](#).