

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 : Special Populations
Section Name : EMSP_2430_104
Start Date : 06/6/2011
End Date : 7/7/2011
Modality : WEB ENHANCED
Credits : 4

Instructor Information

Name : Stephen Berry
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Course Description

A detailed study of the knowledge and skills necessary to reach competence in the assessment and management of ill or injured patients in nontraditional populations

Prerequisites/Co requisites

EMSP 2444

[Scans](#)

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

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 special care needs and the client's ability to recuperate from complex health needs involving multiple body systems.
3. Integrate elements of pre-hospital emergency care with special population 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:

1. Compose teaching relevant to health promotion/disease prevention for patients and their families to facilitate adaptation to complex health needs involving multiple body systems.
2. Examine economic and political issues impacting care of patients with complex health needs involving multiple body systems.
3. 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:

4. Examine professional attributes of caring that assist the patient to adapt to complex health alterations within the critical care environment.

Justify situations which would necessitate advocacy for the patient within the critical care environment.

Learning Outcomes: 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

Kattwinkel, John, MD (2006). *Neonatal Resuscitation Provider Manual* (5th Ed.).

American Heart Association: Dallas

Ralston, Mark, MD (2006): *Pediatric Advanced Life Support Provider Manual*, American Heart Association: Dallas

Aehlert, Barbara, RN (2007) *Comprehensive Pediatric Emergency Care* Elsevier/Mosby

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

Pearson Prentice Hall: New Jersey

Course Requirements (Lectures, Assignments and Assessments)

Unit I

Pediatrics, Neonatology, Geriatrics

Unit II

Abuse and Assault, The Challenged Patient, Acute Interventions for the Chronic Patient

Pediatric Advanced Life Support Course

Emergency Pediatric Care Course

Neonatal Resuscitation Provider Course

LABORATORY COMPONENT OF EMSP 2430

The laboratory component of EMSP 2430 is designed to improve clinical skills and critical thinking skills. The following skills that will be taught or reviewed are:

- 1) Completion of the Pediatric Advanced Life Support Course (Pass)
- 2) Completion of the Neonatal Resuscitation Provider Course (Pass)
- 3) Completion of the Emergency Pediatric Care Course (Pass)

3) Pediatric Ventilatory Management (Pass)

4) Pediatric Intraosseous Infusion (Pass)

Week 1

Topic/Overview: Special Considerations

Summary of Week 1 Assignments & Activities

| Item(Name) | Type | Description | Due |
|--|-----------------|--------------------|-----------------|
| <i>Study Questions Chapter 1 through 3</i> | <i>Homework</i> | <i>Homework</i> | <i>6/13/11</i> |
| <i>Unit 1 (chapters 1, 2, &3)</i> | <i>Test</i> | <i>Test</i> | <i>6//13/11</i> |

Topic/Overview: This week focuses on

Summary of Week 2 Assignments & Activities

| Item(Name) | Type | Description | Due |
|---|----------------------|--------------------|-----------------|
| <i>Study Questions Chapter 4through 6</i> | <i>Home work</i> | <i>Homework</i> | <i>6/20/11</i> |
| <i>Unit 2 (chapters 4,5,2, &6)</i> | <i>Test</i> | <i>Test</i> | <i>6//20/11</i> |

Topic/Overview: This week focuses on

Summary of Week 3 Assignments & Activities

| Item(Name) | Type | Description | Due |
|-------------------|-------------|---|----------------|
| <i>PALS</i> | <i>Cert</i> | <i>Mandatory attendance AHA card course</i> | <i>6/25/11</i> |

Topic/Overview: This week focuses on

Summary of Week 4 Assignments & Activities

| Item(Name) | Type | Description | Due |
|--|-------------|---|----------------|
| <i>Emergency Pediatric Care Course</i> | <i>Cert</i> | <i>Mandatory attendance NAEMT card course</i> | <i>6/30/11</i> |

Week 15

Topic/Overview: This week focuses on

Summary of Week 5 Assignments & Activities

| Item(Name) | Type | Description | Due |
|-------------------|-------------|--|---------------|
| <i>NRP</i> | <i>Cert</i> | <i>Mandatory attendance American Academy of Pediatrics card course</i> | <i>7/6/11</i> |
| <i>Final</i> | <i>Test</i> | <i>Test</i> | <i>7/7/11</i> |

Grading Policy

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

Homework 15%

Unit I Exam 20%

Unit II Exam 20%

Final exam 30%

Skills Lab 5%

Lab Participation/ Preparation 10%

A course grade of 70 or better is required to pass EMSP 2430. No assignments are optional. In order to receive a passing grade in EMSP 2430, the American Heart Association, Pediatric Advanced Life Support Course AND the Neonatal Resuscitation Provider (NRP) Course must be

successfully completed. Two National Registry Skills must be successfully completed with a grade of pass in each skill.

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

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](#).