

**Online  
COURSE SYLLABUS**

**EMSP 1438: Introduction to Advanced Practice. (4:3:3)**

**EMSP 1355: Trauma Management. (3:2:2)**

**EMSP 1356: Patient Assessment and Airway Management: (3:2:2)**

**EMSP 2248: Emergency Pharmacology: (2:2:1)**

**EMERGENCY MEDICAL SERVICES PROGRAM**

**ALLIED HEALTH DEPARTMENT**

**HEALTH OCCUPATION DIVISION**

**ONLINE**

**SOUTH PLAINS COLLEGE**

**Fall 2009**

## Intermediate Course Syllabus Fall 2009 Online

**EMSP 1438: Introduction to Advanced Practice. (4:3:3)**

**EMSP 1355: Trauma Management. (3:2:2)**

**EMSP 1356: Patient Assessment and Airway Management: (3:2:2)**

**EMSP 2248: Emergency Pharmacology: (2:2:1)**

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**Course Instructor:** Christopher Metsgar (806) 716-4870  
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Office Hours: Monday & Wednesday: 1:00 p.m.- 5:00 p.m.  
by appointment.

Bart Sanders (806)716-4627  
Email: [bsanders@southplainscollege.edu](mailto:bsanders@southplainscollege.edu)  
Office Hours: Tuesdays & Thursdays 1:00 p.m.-4:00 p.m.  
and Fridays from 09:00 a.m. – 11:00 a.m.

**Course Location:** Online [www.southplainscollege.edu](http://www.southplainscollege.edu) Through WebCT

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**Required Text:** Mosby's EMT-Intermediate Textbook for the 1985  
National Standard Curriculum; Shade, Collins, Werts,  
Jones, & Rothenburg  
ISBN 0-323-03985-5

AAOS Anatomy & Physiology Paramedic; Elling, Elling,  
& Rothenberg  
ISBN: 0-7637-3792-5

PHTLS Pre Hospital Trauma Life Support Sixth Edition;  
National Association of EMT's  
ISBN: 0-3230-331-8

**Recommended Text:** ALS Pocket Field Guide

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**Course Times:** Online see the course calendar  
New Modules on Sunday  
Discussions on Wednesday  
Test as scheduled  
Written Assignments as assigned

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## **Course Descriptions:**

### **EMSP 1438: Introduction to Advanced Practice. (4:3:3)**

This course is an exploration of the foundations necessary for mastery of the advanced topics of clinical practice out of the hospital.

### **EMSP 1355: Trauma Management. (3:2:2)**

This course is a detailed study of the knowledge and skills necessary to reach competence in the assessment and management of patients with traumatic injuries.

### **EMSP 1356: Patient Assessment and Airway Management: (3:2:2)**

This course is a detailed study of the knowledge and skills necessary to reach competence in performing patient assessment and airway management.

### **EMSP 2248: Emergency Pharmacology: (2:2:1)**

This is a comprehensive course covering all aspects of the utilization of medications in treating emergency situations. This course is designed to complement Cardiology, Special Populations, and Medical Emergency Courses.

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## **Semester Objectives:**

At the completion of the semester students will:

1. Understand the roles and responsibilities of an Intermediate within an EMS System.
2. Be able to apply the basic concepts of development, pathophysiology, and pharmacology in the assessment and management of emergency patients.
3. Be able to take a history and perform a comprehensive physical exam on any patient and communicate those findings to others.
4. Be able to communicate effectively with patients, co-workers and other health care professionals.
5. Be able to establish and/or maintain a patent airway, oxygenate, and ventilate a patient.
6. Be able to recognize and treat minor and life threatening traumatic emergencies.
7. Be able to safely and precisely access the venous circulation and administer medications.

## **Course Objectives:**

At the completion of this course the student will have:

1. The cognitive, psychomotor, and affective competencies in the recognition and treatment of prehospital emergencies.
2. The cognitive, psychomotor, and affective competencies of prehospital traumatic emergencies.

3. The cognitive, psychomotor, and affective competencies of prehospital patient assessment and airway management emergencies.
4. The cognitive, psychomotor, and affective competencies of prehospital utilization of medications in treating emergency situations.
5. The cognitive, psychomotor and affective competencies of pre-hospital emergencies at the EMT – Intermediate entry-level.

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## **Course Policies:**

### **Disabilities Statement:**

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Special Services Office early in the semester so that appropriate arrangements may be made.

In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Coordinator of Special Services. For more information, call or visit the Special Services Office in Rooms 809 and 811, Reese Center Building 8, 885-3048, Extension 4654.

### **Accommodations**

This course requires specific physical abilities in order to complete the psychomotor skills and patient care. Any student with a limitation must address this issue with the instructor at the beginning of the course to determine if the student will be able to complete the requirements of this course. Refer to the South Plains College Catalog and EMS Handbook for specific information on accommodations.

### **Academic Integrity:**

It is the aim of South Plains College to foster a spirit of complete honesty and a high standard of integrity. Please refer to the EMS Handbook and the South Plains College General Catalog for descriptions of identification and response to breaches of Academic Integrity and Grievance Policy.

### **Diversity Statement:**

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world, and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

**Attendance Policy:**

Students are expected to log in to this course at a minimum of every 48 hours. When a student repetitively does not sign in after contact from the instructor this student may be dropped

**Attendance at the Prehospital Trauma Life Support (PHTLS) & Scheduled Skills days are mandatory to receive course completion.**

September 4 <sup>th</sup>	September 11 <sup>th</sup>
September 12 <sup>th</sup>	October 2 <sup>nd</sup>
October 3 <sup>rd</sup>	November 6 <sup>th</sup>
November 7 <sup>th</sup>	November 13 <sup>th</sup>
December 11 <sup>th</sup>	December 12 <sup>th</sup>

**Contacting Instructor:**

I will reply to all emails within WebCT within 24 hours Monday through Friday. I will notify you as a whole if I will be out of town. I will periodically check my email on the weekends and SPC holidays yet do not promise a reply until the following business day. Do not wait until the last minute to email me if you have a question or concerns please email me early. All correspondence for this class should take place within Web-CT.

**Web CT Server problems**

If for some reason the server malfunctions I will add the time the server was down to the due date of your assignment. In the event that this is a prolonged problem I will contact you and make other arrangements.

**Computer Problems**

Please follow the links on the Web CT Sign in page to access IT for student assistance. If you are unable to access this link you may email me and I will try and get you some assistance. If you are unable to email please call me at the office.

**Student Support for Web CT:**

Student Technical Support for WebCT  
[webct@southplainscollege.edu](mailto:webct@southplainscollege.edu) or call (806) 716-2180

**Assignment Policy:**

All assignments must be completed by the assigned date. Late and/or incomplete work will not be accepted, and a grade of zero will be recorded. Assignments, quizzes, exams, and skills that are missed due to an unexcused absence may not be made up.

**Exams:**

Make-up examinations or retests must be taken within 7 calendar days of the due date in which that exam was initially administered. If you are going to be unavailable to complete an assignment notify me prior to the submission date.

You will be required to take the test prior to missing the class. If a retest is necessary, the recorded grade will be a maximum of 79.

**Grading Policy:**

You will receive a separate grade in each lecture course. Your grades in EMSP 1438, EMSP 1355, EMSP 1356, and EMSP 2248 will all follow the same grading criteria. A minimum of 75% on all exams, quizzes and assignments is required. There are no retakes for quizzes. One (1) retake is permitted for one (1) Modular Exam.

Final semester grades will be based on the following:

Homework	20%
Participation	15%
Modular Exams	50%
Final Course Exam	15%

<b>Grading Scale:</b>	90-100	A
	80-89	B
	75-79	C
	<75	F

At the completion of each course, students will have performed at 75% or better on quizzes, tests, and written assignments, with a cumulative average of 80%, passed all psychomotor skills with 100%, students must make a 75% or better on a comprehensive final, and completed the hourly and skills requirements as outlined in the EMS Clinical Handbook to receive a certified course completion to sit for the National Registry examination.

**Withdrawing:**

You have the responsibility to formally withdraw from a course if you determine that you are not going to be able to complete the program. If you fail to do so you will receive a grade of "F". You must drop the class according to the procedures outlined in the South Plains College General Catalog.

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**Course Disclaimer:**

This is a word of caution: sometimes throughout the semester I may/will offend you. You may find my verbiage to be offensive. In reference to my verbiage, I often use real world examples that require some words that some students might find distasteful. Furthermore, I may not have the same religious, political, or social views as you. If you feel this may be an issue you should email me as soon as possible.

**South Plains College**  
**Allied Health Division EMS Programs**  
**Online Intermediate Class Schedule**  
**Fall 2009**

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**Week 1**

August 31<sup>st</sup> through September 5<sup>th</sup>

Overview of online course

**September 4<sup>th</sup> Mandatory Class Day 0800-1700**

**Week 2**

September 6<sup>th</sup> through September 12<sup>th</sup>

Mosby Chapter 1-5 (Module 1)

September 11<sup>th</sup> through September 14<sup>th</sup> Test 1

**September 11<sup>th</sup> Basic Skills 0800-1700**

**September 12<sup>th</sup> Basic Skills 0800-1700**

**Week 3**

September 13<sup>th</sup> through September 19<sup>th</sup>

Anatomy & Physiology Chapter 1-5 (Module 2)

September 18<sup>th</sup> through September 21<sup>st</sup> Test 2

**Week 4**

September 20<sup>th</sup> through September 26<sup>th</sup>

Anatomy & Physiology Chapter 6-8 (Module 3)

September 25<sup>th</sup> through September 28<sup>th</sup> Test 3

**Week 5**

September 27<sup>th</sup> through October 3<sup>rd</sup>

Anatomy & Physiology Chapter 9-14 (Module 4)

October 2<sup>nd</sup> through October 4<sup>th</sup> Test 4

**October 2<sup>nd</sup> IV Airway Skills 0800-1700**

**October 3<sup>rd</sup> IV Airway Skills 0800-1700**

*Student may begin Clinicals October 4<sup>th</sup>*

**Week 6**

October 4<sup>th</sup> through October 10<sup>th</sup>

IV and Advanced Airway (Module 5)

October 9<sup>th</sup> through October 12<sup>th</sup> IV & Airway Test

**Week 7**

October 11<sup>th</sup> through October 17<sup>th</sup>

Acid Base Balance Respiratory Emergencies (Module 6)

October 16<sup>th</sup> through October 19<sup>th</sup> Acid Base Exam

**Week 8**

October 18<sup>th</sup> through October 24<sup>th</sup>

Patient Assess, Respiratory Emergencies, ResqPod, CPAP (Module 7)

October 23<sup>rd</sup> through October 26<sup>th</sup> Patient Assessment Test

**Week 9**

October 25<sup>th</sup> through October 31<sup>st</sup>

Trauma Management Part 1 (Module 8)

**Week 10**

November 1<sup>st</sup> through November 7<sup>th</sup>

Trauma Management Part 2 (Module 8.1)

**November 6<sup>th</sup> PHTLS 0800-1700**

**November 7<sup>th</sup> PHTLS 0800-1700**

November 6<sup>th</sup> through November 9<sup>th</sup> Trauma Test

**Week 11**

November 8<sup>th</sup> through November 14<sup>th</sup>

Pharmacology Part I (Module 9)

**November 13<sup>th</sup> Pharmacology Skills 0800-1700**

**Week 12**

November 15<sup>th</sup> through November 21<sup>st</sup>

Pharmacology Part II (Module 9.1)

November 20<sup>th</sup> through November 23<sup>rd</sup> Pharmacology Test

**Week 13 /Week 14**

November 22 through December 5<sup>th</sup>

Mosby Chapter 14-18 (Module 10)

December 4<sup>th</sup> through December 7<sup>th</sup> Chapter 14-18 Test

**Week 15**

December 6<sup>th</sup> through December 12<sup>th</sup>

Final Review

**December 11<sup>th</sup> Short Answer Final and Skills 0800-1700**

**December 12<sup>th</sup> Multiple Choice Final and Skills 0800-1700**

*December 15<sup>th</sup> Final day for clinical*

*December 16<sup>th</sup> All Clinical Paperwork Due (1600 hours)*

Class Hours 232 Hospital Hours 80 Truck Hours 120 Total Hours 432

## SCANS COMPETENCIES

- C-1 **TIME** – Selects goal – relevant activities, ranks them, allocates time, prepares and follows schedules.
- C-2 **MONEY** – Uses or prepares budgets, makes forecasts, keeps records and makes adjustments to meet objectives.
- C-3 **MATERIALS AND FACILITIES** – Acquires, stores, allocates, and uses materials or space efficiently.
- C-4 **HUMAN RESOURCES** – Assesses skills and distributes work accordingly, evaluates performances and provides feedback.

### **INFORMATION – Acquires and Uses Information**

- C-5 Acquires and evaluates information.
- C-6 Organizes and maintains information.
- C-7 Interprets and communicates information.
- C-8 Uses computers to process information.

### **INTERPERSONAL – Works with Others**

- C-9 Participates as members of a team and contributes to group effort.
- C-10 Teaches others new skills.
- C-11 Serves Clients / Customers – works to satisfy customer's expectations.
- C-12 Exercises Leadership – communicates ideas to justify position, persuades and convinces others, responsibly challenges existing procedures and policies.
- C-13 Negotiates – works toward agreements involving exchanges of resources; resolves divergent interests.
- C-14 Works with Diversity – works well with men and women of diverse backgrounds.

### **SYSTEMS – Understands Complex Interrelationships**

- C-15 Understands Systems – knows how social, organizational, and technological systems work and operates effectively with them.
- C-16 Monitors and Corrects Performance – distinguishes trends, predicts impacts on system operations, diagnoses systems performance and correct malfunctions.
- C-17 Improves or Designs Systems – suggests modifications to existing systems and develops new or alternative systems to improve performance.

### **TECHNOLOGY – Works with a Variety of Technologies**

- C-18 Selects Technology – chooses procedures, tools, or equipment, including computers and related technologies.
- C-19 Applies Technology to Task – understands overall intent and proper procedures for setup and operation of equipment.
- C-20 Maintains and Troubleshoots Equipment – prevents, identifies, or solves problems with equipment, including computers and other technologies.

## FOUNDATION SKILLS

### **BASIC SKILLS – Reads, Writes, Performs Arithmetic and Mathematical Operations, Listens and Speaks**

- F-1 Reading – Locates, understands, and interprets written information in prose and in documents such as manuals, graphs, and schedules.
- F-2 Writing – Communicates thoughts, ideas, information, and messages in writing and creates documents such as letters, directions, manuals, reports, graphs, and flow charts.
- F-3 Arithmetic – Performs basic computations; uses basic numerical concepts such as whole numbers, etc.
- F-4 Mathematics – Approaches practical problems by choosing appropriately from a variety of mathematical techniques.
- F-5 Listening – Receives, attends to, interprets, and responds to verbal messages and other cues.
- F-6 Speaking – Organizes ideas and communicates orally.

### **THINKING SKILLS – Thinks Creatively, Makes Decisions, Solves Problems, Visualizes and Knows How to Learn and Reason**

- F-7 Creative Thinking – Generates new ideas.
- F-8 Decision-Making – Specifies goals and constraints, generates alternatives, considers risks, evaluates and chooses best alternative.
- F-9 Problem Solving – Recognizes problems, devises and implements plan of action.
- F-10 Seeing Things in the Mind’s Eye – Organizes and processes symbols, pictures, graphs, objects, and other information.
- F-11 Knowing How to Learn – Uses efficient learning techniques to acquire and apply new knowledge and skills.
- F-12 Reasoning – Discovers a rule or principle underlying the relationship between two or more objects and applies it when solving a problem.

### **PERSONAL QUALITIES – Displays Responsibility, Self-Esteem, Sociability, Self-Management, Integrity and Honesty**

- F-13 Responsibility – Exerts a high level of effort and perseveres towards goal attainment.
- F-14 Self-Esteem – Believes in own self-worth and maintains a positive view of self.
- F-15 Sociability – Demonstrates understanding, friendliness, adaptability, empathy and politeness in group settings.
- F-16 Self-Management – Assesses self accurately, sets personal goals, monitors progress and exhibits self-control.
- F-17 Integrity/Honesty – Chooses ethical courses of action.

<b>SCANS FOUNDATION AND COMPETENCY SKILLS (By Course)</b>			
		<b>Competencies: (C)</b>	<b>Foundations: (F)</b>
EMSP	1438	5, 6, 7, 9, 12, 15	1, 2, 5, 6, 9, 10, 13, 14, 16
EMSP	1355	5, 6, 9, 12, 14, 18, 20	2, 5, 7, 8, 9, 10, 12, 13, 16, 17
EMSP	1356	5, 6, 7, 9, 12, 15, 16, 19, 20	1, 2, 3, 4, 5, 8, 9, 10, 12, 13, 14, 16
EMSP	2248	5, 6, 7, 9, 15, 16, 19	3, 4, 5, 8, 9, 13, 14, 17
Example for PSYC: Scans: Foundation Skills: 1, 2, 10, 11... Competencies: 4, 13...			



I \_\_\_\_\_ have received and read a copy of the Syllabus for **EMT Online Intermediate Program Fall 2009 semester (EMSP 1438, EMSP 1355, EMSP 1356, EMSP 2248)**. I understand the syllabus and will comply with all requirements listed within this document.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date