

# **COURSE SYLLABUS**

**EMSP 1501: Emergency Medical Tech. (5:3:7)**

**EMERGENCY MEDICAL SERVICES PROGRAM**

**ALLIED HEALTH DEPARTMENT**

**HEALTH OCCUPATION DIVISION**

**REESE CENTER**

**SOUTH PLAINS COLLEGE**

**Fall 2009**

## 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	1501	1, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 19, 20	1, 2, 3, 4, 5, 8, 9, 10, 12, 13, 14, 15, 16

# Basic EMT Course Syllabus Fall 2009

## EMSP 1501: Emergency Medical Tech. (5:3:7)

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<b>Course Instructor:</b>	James Majorowski (806) 716-4802 Email: <a href="mailto:jmajorowski@southplainscollege.edu">jmajorowski@southplainscollege.edu</a> Office Hours: Tuesday 1pm to 5pm, Thursday 8am to 12 noon or by appointment.
<b>Course Location:</b>	Reese Center: Building 2, Room 209
<b>Required Text:</b>	See List at Reese Bookstore
<b>Course Times:</b>	Mondays through Wednesday mornings, 8:30am to 12:30 pm

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### Course Descriptions:

#### **EMSP 1501: Emergency Medical Tech Basic (5:3:7)**

This course is an introduction to the level of emergency medical technician-basic, and includes all the skills necessary to provide emergency medical care at a basic life support level with an ambulance service or other specialized services.

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### Semester Objectives:

At the completion of the semester students will:

1. Understand the roles and responsibilities of a EMT-Basic within an EMS System.
2. Be able to apply the basic concepts of development, pathophysiology, and pharmacology to 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 other healthcare providers.
4. Be able to communicate effectively with patients.
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 medical emergencies.
7. Be able to recognize, treat, and interact with patients from special populations.

### 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 cardiac emergencies.
3. The cognitive, psychomotor, and affective competencies of prehospital medical emergencies.
4. The cognitive, psychomotor, and affective competencies of prehospital care and treatment of special populations.
5. The cognitive, psychomotor and affective competencies of pre-hospital emergencies at the EMT – Basic 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 attend all classes. When a student misses their 4<sup>th</sup> class they will be administratively dropped from the all courses within the intermediate curriculum with a grade of an “X”. If the student exceeds the number of absences after the drop date they will be given a grade of an “F” regardless of the grade they have in class. Due to the structure and schedule of this class it is imperative that you are in class daily.

**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 class date in which that exam was taken by the class. If you are going to miss an exam you must notify the instructor and 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:**

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	10%
Modular Exams	45%
Final Exam	45%

<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%, and completed the hourly and skills requirements as outlined in the EMS Clinical Handbook.

**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 failing grade. 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 come see me after this class.

	Date	Time	Subjects	Chapters/Assignments
Class 1	8/31/2009	0830-1230	Course overview, Intro to Emergency Care, Well being of the EMT, Medical, Legal, Ethical issues, The Human body	Chapters 1, 2, 3, 4
Class 2	9/1/2009	0830-1230	Base Line Vital Signs & SAMPLE history, Lifting & Moving, Skills orientation	Chapters 5 & 6, CPR, AED, Vital Signs
Class 3	9/2/2009	0830-1230	Skills:	
Class 4	9/8/2009	0830-1230	Skills:	
Class 5	9/9/2009	0830-1230	<b>Exam Written &amp; Skills Section 1</b>	<b>Chapters 1-6</b>
Class 6	9/10/2009	0830-1230	Airway, Patient Assessment, Communications & Documentation	Chapters 7, 8, 9
Class 7	9/14/2009	0830-1230	Skills:	Mechanical Aids, Combitube, King Airway, Patient Assessment
Class 8	9/15/2009	0830-1230	Skills:	
Class 9	9/16/2009	0830-1230	<b>Exam Written &amp; Skills Section 2</b>	<b>Chapters 7-9</b>
Class 10	9/21/2009	0830-1230	General Pharmacology, Respiratory Emergencies, Cardiovascular Emergencies, Neurological Emergencies	Chapters 10, 11, 12, 13
Class 11	9/22/2009	0830-1230	The Acute Abdomen & Skills	Chapter 14, Patient Assessment, Oxygen Administration, Medication Administration
Class 12	9/23/2009	0830-1230	Skills:	
Class 13	9/28/2009	0830-1230	<b>Exam Written &amp; Skills Section 3</b>	<b>Chapters 10-14</b>
Class 14	9/29/2009	0830-1230	Diabetic Emergencies, Allergic Reactions, Substance Abuse & Poisoning, Environmental Emergencies	Chapters 15, 16, 17, 18
Class 15	9/30/2009	0830-1230	Behavioral Emergencies, OB/GYN Emergencies	Chapters, 19, 20
Class 16	10/5/2009	0830-1230	Skills:	PA, OB, D Stick, EPI
Class 17	10/6/2009	0830-1230	<b>Exam Written &amp; Skills Section 4</b>	<b>Chapters 15-20</b>
Class 18	10/7/2009	0830-1230	Kinamatics of Trauma, Bleeding, Shock, Soft -tissue Injuries	Chapters 21, 22, 23, 24
Class 19	10/12/2009	0830-1230	Eye injuries, & Skills	Chapter 25
Class 20	10/13/2009	0830-1230	Skills	PA
Class 21	10/14/2009	0830-1230	<b>Exam Written &amp; Skills Section 5 Rotations</b>	<b>Chapters 21-25</b>

Class 22	10/19/2009	0830-1230	Advanced Airway Management, Assisting with IV Therapy, Assisting with Cardiac Monitoring	Chapters 39, 40, 41,
Class 23	10/20/2009	0830-1230	Face & Throat Injuries, Chest Injuries, Abdominal & Genitalia Injuries, Musculoskeletal injuries	Chapters 26, 27, 28, 29
Class 24	10/21/2009	0830-1230	Head & Spinal Injuries & Skills	Chapter 30
Class 26	10/26/2009	0830-1230	<b>Exam Written &amp; Skills Section 6</b>	<b>Chapters 26-30</b>
Class 27	10/27/2009	0830-1230	Pediatric Emergencies, Pediatric Assessment & Management, Geriatric Emergencies, Geriatric Assessment & Management	Chapters 31, 32, 33, 34
Class 28	10/28/2009	0830-1230	Skills:	Pediatric, All others
Class 29	11/2/2009	0830-1230	<b>Exam Written &amp; Skills Section 7</b>	<b>Pediatric, All others</b>
Class 30	11/3/2009	0830-1230	Ambulance Operations, Gaining Access, Special Operations, Response to Terrorism & Weapons of Mass Destruction	Chapters 35, 36, 37, 38
Class 31	11/9/2009	0830-1230	Skills	All
Class 32	11/10/2009	0830-1230	<b>Exam Written &amp; Skills Section 8 &amp; 9</b>	<b>All</b>
Class 33	11/16/2009	0830-1230	<b>NR sSkills practice</b>	<b>All</b>
Class34	11/17/2009	0830-1230	<b>Skills NRPractice</b>	<b>All</b>
	Happy Thanksgiving		<b>No class 11/23/thru11/27 Finish Rotations.</b>	
Class 35	11/30/09	0830-1230	<b>NR skill Practice</b>	
Class 36	12/1/2009	0830-1230	<b>NR testing</b>	
Class 37	12/2/2009	0830-1230	<b>Nr testing and Retest if needed.</b>	
Class 38		0800-1700	<b>FX TBA</b>	
Class 39	12/7/09	0830-1230	Final EXAM	
			<b>NR written tests 12/8 till 12/14</b>	
Class 40			Community Service	4hrs.
			Classroom Hours	164 Hours
			Clinical Hours	68 Hours
			<b>Total Hours</b>	<b>232 Hours</b>



I \_\_\_\_\_ have received and read a copy of the Syllabus for **EMT Basic Program Fall Semester 2009 (EMSP 1501.200)**. I understand the syllabus and will comply with all requirements listed within this document.

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Signature