

**Online
COURSE SYLLABUS**

EMSP 2444: Cardiology (4:3:2)

EMSP 2434: Medical Emergencies (4:3:2)

EMERGENCY MEDICAL SERVICES PROGRAM

ALLIED HEALTH DEPARTMENT

HEALTH OCCUPATION DIVISION

ONLINE

SOUTH PLAINS COLLEGE

Fall 2009

Paramedic Course Syllabus
Fall 2009 Online
EMSP 2444: Cardiology (4:3:2)
EMSP 2434: Medical Emergencies (4:3:2)

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

Course Location: Online www.southplainscollege.edu Through WebCT

Required Text:

Title	Author	ISBN
Emergency Care in the Streets	Caroline	978-0-7637-2907-3
Emergency Care in the Streets W/B	Caroline	978-0-7637-4412-0
Advanced Cardiac Life Support	AHA	978-0-87493-496-0
12 Lead ECG in the ACS	Phalen	978-0-323-04712-8
Rapid Paramedic	Sanders	978-0-323-04756-2

Recommended Text:

Mosby's Pocket Dictionary	Mosby	978-0-323-03973-7
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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

Course Descriptions:

EMSP 2444: Cardiology (4:3:2)

This course provides a detailed study of the knowledge and skills in the assessment and management of patients with cardiac emergencies.

EMSP 2434: Medical Emergencies (4:3:2)

This course is a detailed study of the knowledge and skills in the assessment and management of patients with medical emergencies.

Semester Objectives:

At the completion of the semester students will:

1. Understand the roles and responsibilities of a Paramedic 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 accurately recognize and treat cardiac arrhythmias.
7. Be able to accurately recognize and treat minor and life threatening medical emergencies.
8. Be able to safely and precisely utilize a cardiac monitor, defibrillator, and external pacemaker.

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 cardiovascular emergencies.
 3. The cognitive, psychomotor, and affective competencies of prehospital patient assessment and management of medical conditions and emergencies.
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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

Attendances at Scheduled Skills days are mandatory to receive course completion.

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|----------------------------------|----------------------------------|
| September 4th | September 11th |
| September 12th | September 25th |
| September 26th | October 16th |
| December 5th | December 11th |
| December 12th | |

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 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 these courses will 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%

Grading Scale:	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.

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 Paramedic Class Schedule
Fall 2009 through Summer 2010

Week 1

August 31st through September 5th

Overview of online course

September 4th Mandatory Class Day 0800-1700

Week 2

September 6th through September 12th

AAOS Chapter 1-10 (Module 1)

September 11th through September 14th Test 1

September 11th Basic Skills 0800-1700

September 12th Basic Skills 0800-1700

Week 3

September 13th through September 19th

Cardiology Introduction (Module 2)

September 18th through September 21st Test 2

Week 4

September 20th through September 26th

Atrial Rhythms (Module 3)

September 25th through September 28th Test 3

September 25th Rhythm Recognition Skills 0800-1700

September 26th Rhythm Recognition Skills 0800-1700

Student may begin Clinicals September 26th

Week 5

September 27th through October 3rd

Ventricular Rhythms (Module 4)

October 2nd through October 4th Test 4

Week 6

October 4th through October 10th

12 Lead EKG (Module 5)

October 9th through October 12th 12 Lead Test

Week 7

October 11th through October 17th

ACLS (Module 6)

October 16th through October 19th ACLS Exam

October 16th ACLS Skills and Megacode 0800-1700

Week 8

October 18th through October 24th

Cardiology Review (Module 7)

October 23rd through October 26th Cardiology Final Exam

Week 9

October 25th through October 31st

Respiratory, Pharmacology Assisted Intubation, Neurology (Module 8)

October 30th through November 2nd Module Eight Test

Week 10

November 1st through November 7th

Endocrine, Allergic Reaction, Gastrointestinal, Urology (Module 9)

November 6th through November 9th Module Nine Test

Week 11

November 8th through November 14th

Toxicology, Hematological, Environmental, Infections and Communicable Disease (Module 10)

November 13th through November through November 16th Module Ten Test

Week 12

November 15th through November 21st

Gynecological and Obstetrics (Module 11)

November 20th through November 23rd Module 11 Test

Week 13

November 22 through November 28th

Catch up/Thanksgiving

Week 14

November 29th through December 5th

Medical Emergencies Review

December 4th through December 7th Module Emergencies Final Test

December 5th Patient Assessment Skills 0800-1700

Week 15

December 6th through December 12th

Final Review

December 11th Short Answer Final and Skills 0800-1700

December 12th Multiple Choice Final and Skills 0800-1700

December 15th Final day for clinical

December 16th All Clinical Paperwork Due (1600 hours)

Spring 2010

Week 1

January 19th through January 23rd

Semester Overview, Research Assignments Assigned

January 22nd Mandatory Class Day 0800-1700

Week 2/Week 3

January 24th through February 6th

Neonatology & Pediatrics (Module 12)

February 5th through February 8th Test 1

February 5th PALS 0800-1700

February 5th PALS 0800-1700

Week 4/Week 5

February 7th through February 20th

Geriatric, Abuse & Neglect, Chronic Care Patient (Module 13)

February 19th through February 22nd Test 2

Week 6

February 21st through February 27th

Special Populations Review

February 26th through March 1st Special Populations Final

Week 7/Week 8

February 28th through March 13th

Ambulance Operations, Incident Command, Terrorism, Hazardous Material (Module 14)

March 12th through March 15th Test Module Three

Week 9

March 14th through March 20th

Spring Break

Week 10

March 21st through March 27th

History of EMS

Week 11

March 28th through April 3rd

Aero medical Support/ Dispatch Information (Module 15)

April 2nd through April 6th Module Six Test

Week 12

April 11th through April 17th

(Module 16)

April 16th NREMT Skills Practice 0800-1700

Week 13

April 18th through April 24th

Catch up/Scenario Based Management/Scenario Practice

Week 14

April 25th through May 1st

ACLS

April 30th ACLS 0800-1700

May 1st ACLS 0800-1700

Week 15

May 2nd through May 8th

Final Review

May 7th Short Answer Final and Skills 0800-1700

May 8th Multiple Choice Final and Skills 0800-1700

May 11th Final day for clinical

May 12th All Clinical Paperwork Due (1600 hours)

Summer 2010

Week 1

June 1st through June 5th
Intensive Cardiology Review

Week 2

June 6th through June 12th
Intensive Medical Review
June 12th Assessment Based Management Scenarios

Week 3

June 13th through June 19th
Intensive Trauma Review

Week 4

June 20th through June 26th
Preparatory Review

Week 5

June 27th through July 3rd
Airway and Patient Assessment Review

Week 6

July 4th through July 10th
Special Considerations/ Special Operations Review
July 9th Assessment Based Management Scenarios

Week 7

July 11th through July 17th
Pharmacology Review

Week 8

July 18th through July 24th
Comprehensive review of all information
July 23rd Mock NR Skills Test

Week 9

July 25th through July 30th
Study sessions for Final Exam
July 30th Comprehensive Short Answer Written Exam
July 31st Comprehensive Multiple Choice Exam
Paramedic Graduation Event

July 29th Final day for clinical
July 30th All Clinical Paperwork Due (0800 hours)

Class Hours 352 Hospital Hours 216 Truck Hours 240
Total Hours 808

Tentative NR Practical exam date scheduled for August 7, 2010

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.

SCANS FOUNDATION AND COMPETENCY SKILLS (By Course)			
		Competencies: (C)	Foundations: (F)
EMSP	2444	5, 6, 7, 8, 9, 12, 13, 14, 15, 20	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 16
EMSP	2434	1, 5, 6, 7, 8, 9, 12, 13, 14, 18, 20	1, 2, 5, 7, 8, 9, 11, 12, 13, 16, 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 Paramedic Program Fall 2009 semester**. I understand the syllabus and will comply with all requirements listed within this document.

Signature

Date