



COURSE SYLLABUS

Cardiology

EMSP:2444-46Y1

Number

3 - 3 - 4

Lecture - Lab - Credit

NONE

Prerequisite

This syllabus has been reviewed and is current on the date indicated.

Prepared By

Date

Ronnie Pitts

05/22/2014

Reviewed By

Andy Weaver

05/22/14

Division Director/Designee

Date

I. Instructor Information

Name: Ronnie Pitts

Phone: 325-660-4092

Campus Office: EMS Rm 226

email: jrпиты@tstc.edu

Office Hours:

Advisement Hours:

Department Chair: Ronnie Pitts

Chair email: jrпиты@tstc.edu

II. Class Times, Location

EMSP 2444 4691 Will be held Wednesday 10pm-8pm (face to face on campus), and Monday 6pm-8pm (secondlife). Class is held on the Abilene campus in room 109 Classroom, and room 109 Lab. We will also spend much time outside for simulations.

III. Program Outcomes

- A. The Emergency Medical Services student will demonstrate competency in appropriately operating emergency equipment.
- B. The Emergency Medical Services student will demonstrate proficiency in emergency management of medical and trauma patients.
- C. The Emergency Medical Services student will demonstrate proficiency in medical communication and documentation
- D. The Emergency Medical Services student will demonstrate competency in performing all required skills.

IV. Course Description & Introduction

WECM or ACGM description:

Assessment and management of patients with cardiac emergencies. Includes single and multi-lead ECG interpretation.

V. Learning Outcomes

The student will:

- A. Integrate pathophysiological principles and assessment findings to formulate a field impression.
- B. Implement a treatment plan for the cardiac patient.
- C. Discuss the anatomy of the heart.
- D. Discuss the anatomy of the heart.
- E. Discuss the anatomy of the circulatory system.
- F. Discuss cardiovascular physiology.
- G. Discuss the necessity of knowing a drugs influence on a patient and treatment of that patient
- H. Explain the electrophysiology of the heart.
- I. Discuss cardiac Dysrhythmias.

- J. Discuss cardiovascular emergencies.
- K. Describe some common drugs used in cardiovascular emergencies
- L. Build employability skills such as attitude, critical thinking, listening, presenting/speaking, reading, work ethic, and writing.

VI. Assessment Methods & Grading Policy

Students are evaluated in the three domains of learning; Cognitive Domain: Using assignment, written evaluations, module exams and a comprehensive final exam.

Psychomotor Domain: The students will demonstrate proficiency in all required skill areas, through practice, mock testing, and simulation. Affective Domain: The students

attitudes, values, and emotions are of importance in this domain, and are assessed on a daily basis. These are evaluated more subjectively during classroom projects, skills training, skills practice, simulation, and clinical participation. Social skills are important and some that we will look at are; Likeability, Persuasiveness, Ability to Lead, Influence on Others, Relationship Building, Team Building, Networking, Cooperation, and Respect for Others.

The minimum passing grade for each course shall be “C”. Students who do not complete all assignments will not be allowed to complete exams or participate in clinical. It is recommended that any student not making a grade of “C” on major exam make an appointment with the instructor to retest that exam. The highest grade that will be allowed will be a 70. The final is comprehensive, and if the student fails the final they fail the class. Also the final grade for the class must be a 70% or higher in order to pass the class and receive a Course Completion.

VII. Textbook/Reference Materials

Paramedic Care Principles and Practice Third Edition Bledsoe, Porter and Cherry 3. Textbook. Paramedic Care Principles and Practice Third Edition Bledsoe, Porter and Cherry Workbook. Pearson Gail Walraven Basic Arrhythmias Seventh Edition.

IX. Additional Resources & Supplies

Blood Pressure Cuff and Stethoscope, CPR Pocket Mask with O2 port and one-way valve, Laptop computer.

X. Class Participation Policy & Student Conduct

EMSP 2444 46Y1, (EMT Paramedic) Will be held Monday 6pm-8pm in second life, and Wednesday 12pm-9pm face to face. Class is held on the Abilene campus in room 212, and room 214 for Lab. We will also spend much time outside for simulations.

XI. Safety

- Campus building occupants are required to evacuate buildings when a fire alarm activates. Alarm activation or announcement requires exiting and assembling outside.

- Familiarize yourself with all exit doors of each classroom and building you may occupy while receiving instructions. The nearest exit door may not be the door you used when entering the building.
- Students requiring evacuation assistance should inform the instructor during the first week of class.
- In the event of evacuation, follow the faculty's or class instructor's instructions.
- **Do Not** re-enter a building unless given instructions by the Fire Department, Campus/Local Police, or Fire Prevention Services.

XII. Special Needs

If you have a documented disability that will impact your work in this class, please contact the ADA Coordinator, so that appropriate arrangements for your accommodations can be made. The counselor on your campus can assist you in this process. In accordance with the federal law, a student requesting accommodations must provide documentation of his/her disability to the ADA Coordinator. For more information call (325) 236-8292 or email amy.freeman@tstc.edu.

XIII Course Schedule Course Schedule

TEXAS STATE TECHNICAL COLLEGE WEST TEXAS
100241 TX
Program Accreditation Number: 600349

EMT – PARAMEDIC
COURSE SCHEDULE

EMT-Paramedic CLASS # _____

SPRING 2013-Spring 2014

Abilene

GENERAL INFORMATION

TEXTS REQUIRED:

Paramedic Care Principles & Practice 4th Edition 1-7
PreHospital Emergency Pharmacology
Basic Arrhythmias
Platinum Testing & Platinum Planner Access Cards

EMSP 2444 46Y1
Cardiology
Course Syllabus

		10:00am-8:00pm Wednesday		
39	10/06/14	Class Time 10:00am-8:00pm Monday	Cardiology, Vol. 4 Ch. 2	
40	10/08/14	Class Time 10:00am-8:00pm Wednesday	Cardiology, Vol. 4 Ch. 2	<u>Cardiology Final</u> <u>TBS</u>

XIV. Instructor CV
James Ronald (Ronnie) Pitts

Education		
<i>Name of Institution</i>	<i>Degree Earned</i>	<i>Date Earned</i>
Texas State Technical College	AAS Emergency Medical Technologies	December 2007
Vernon College	EMT / EMT Intermediate / Fire science Studies	1989 - 2001
Certifications		
<i>Name of Certification</i>		<i>Date Expires Date Earned</i>
DSHS EMS Advanced Coordinator / EMS Instructor		Expires 4/2014
DSHS Licensed Paramedic		Expires 4/2015
TCFP Firefighter Basic		Expires 10/2014
National Registered Paramedic		Expires 3/2015
AHA Advanced Cardiac Life Support Provider		Expires 11/2014
AHA Advanced cardiac Life Support Instructor		Expires 11/2014
AHA Advanced Pediatric Life Support Provider		Expires 4/2014
AHA Advanced pediatric Life Support Instructor		Expires 4/2014
AHA BLS Provider		Expires 3/2014
AHA BLS Instructor		Expires 10/2014
PADI Rescue Scuba Diver		No Expiration
Industry, Teaching or Training, and Other (Examples: publications and memberships)		
Experience Relevant To Course		
<i>Description of Experience Related To Course</i>		<i>Date Ended Date Began</i>
TSTC EMS Program Chair Advanced Coordinator		2013-Present
TSTC EMS Coordinator/Instructor		2005-Present
National Association of EMS Educators Course		2008
MetroCare EMS Operations Supervisor		2004-2006
Rural Metro EMS		2003-2004
Vernon Fire/EMS		1989-2003
West Texas Utilities		1985-2000
Confined Space Rescue, Advanced SCBA, Fire and Electrical Safety, Repelling, Rope Rescue, Fire Chemistry, Weapons of Mass Destruction, PADI Open Water Diver, PADI Advanced Diver, PADI Rescue Diver Transformer, Capacitor, Regulator and Electrical Courses		

Student Acknowledgement:

This is to acknowledge that I have received a copy of the syllabus for the course EMSP 2444. I understand that it is my responsibility to read and understand the syllabus and to abide by the guidelines presented therein.

Student Printed Name

Signature

Date