

Reese Campus

Course Syllabus

COURSE: **EMSP 1401.201** Emergency Medical Technician, Basic
SEMESTER: Spring 2017
CLASS TIMES: Tuesday/Thursday, 12:00pm-4:50pm
INSTRUCTOR: Mr. Craig Williams, EMS Instructor
OFFICE: Reese Center, Building 5, Room 517A
OFFICE HOURS: Mon/Wed 1:30pm-3:00pm, Friday 08:30am-12:00pm, or by appointment
OFFICE PHONE: 806-716-4802
E-MAIL: twilliams@southplainscollege.edu
Facebook: www.facebook.com/spcemsprogram

“South Plains College improves each student’s life.”

GENERAL COURSE INFORMATION

COURSE DESCRIPTION

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 the basic life support level with an ambulance service or other specialized services.

STUDENT LEARNING OUTCOMES

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:

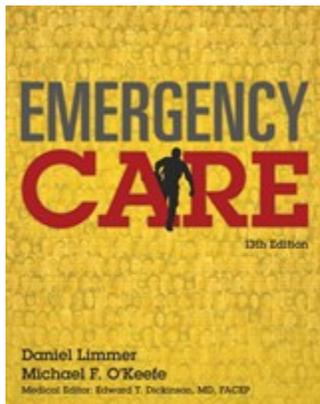
(C-1, C- 4, C- 5, C-6, C-7, C-8, C-9, C-12, C-13, C-14, C-15, C-16, C-19, C-20; F-1, F-2, F-3, F-4, F-5, F-8, F-9, F-10, F-12, F-13, F-14, F-15, F-16)

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.

SPECIFIC COURSE INFORMATION

TEXT AND MATERIALS

ISBN-13: 978-0-13-419075-4



Emergency Care PLUS MyBradylab with Pearson eText -- Access Card Package, 13th Edition

EVALUATION METHODS

Computer-based exams, written homework assignments, quizzes, class attendance, and other projects as assigned.

ACADEMIC INTEGRITY

It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own any work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension.

Cheating - Dishonesty of any kind on examinations or on written assignments, illegal possession of examinations, the use of unauthorized notes during an examination, obtaining information during an examination from the textbook or from the examination paper of another student, assisting others to cheat, alteration of grade records, illegal entry or unauthorized presence in the office are examples of cheating. Complete honesty is required of the student in the presentation of any and all phases of coursework. This applies to quizzes of whatever length, as well as final examinations, to daily reports and to term papers.

Plagiarism - Offering the work of another as one's own, without proper acknowledgment, is plagiarism; therefore, any student who fails to give credit for quotations or essentially identical expression of material taken from books, encyclopedias, magazines and other reference works, or from themes, reports or other writings of a fellow student, is guilty of plagiarism.

SCANS and FOUNDATION SKILLS

Refer also to Course Objectives. SCANS and Foundation Skills attached.

VERIFICATION OF WORKPLACE COMPETENCIES –

Upon successful completion of this course, the student will receive a Certificate of Completion required for application to take the national certification exam. Students must successfully complete this course and obtain their NREMT-Basic certification in order to enroll in EMSP 1338, 1355, 1356, 2248 and 1161. Please refer to the SPC EMS Handbook.

ATTENDANCE POLICY (*READ CAREFULLY)

“Punctual and regular class attendance is required of all students attending South Plains College. There are no excused absences. Students are responsible for all class work covered during absences from class, even in cases in which they are able to satisfy the instructor that the absence was unavoidable.” (*South Plains College Student Guide, 2012-2013, pp.29*)

“Whenever absences become excessive and, in the instructor’s opinion, minimum course objectives cannot be met due to absences, the student should be withdrawn from the course.” (*South Plains College General Catalog, 2012-2013, pp.29*)

Due to the importance of the emergency medical information being taught, the instructor of this course defines excessive absences as missing the 3rd class day (or having equivalent tardies) in a course section. A student who meets this criteria will be administratively dropped from the course by the instructor.

- Tardies: (Definition): arriving any time after the class has started or not returning from an approved break after class has re-started.
- Two tardies will be considered missing one class day and counted as such.
- A student’s work schedule is not an excuse for missing class.
- Any exceptions to this policy must be discussed on an individual basis with the course instructor and the EMS Program Director. (i.e. – student hospitalization, immediate family member death, etc.)

ASSIGNMENT POLICY

All assignments must be completed by the assigned due date and time. **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 unapproved absence may not be made up. Quizzes will be administered at the start of class sessions. Students who are late to class or are absent may not make up a quiz. See the instructor for more specific information.

COMPUTER USAGE

As computer technology in the field of emergency medical services continues to become more popular, computers will be used in this course for several assignments. All students have access to computers and printers on the South Plains College Reese campus. (Contact your instructor if you need assistance on locating a computer lab to obtain assignments and/or to complete computer assignments.) Students will be expected to utilize computers to access assignments and classroom resources. All registered students are supplied with a working email account from South Plains College. It is the student’s responsibility to obtain their user name and password from the SPC admissions office at the time of admission to the college.

ALL STUDENTS ARE EXPECTED TO KNOW THEIR SPC STUDENT USER NAME AND PASSWORD.

COMPUTER LAB USAGE

The computer lab(s) on campus may be used by students when the lab(s) are reserved by the instructor or when a lab is open for use between instructional courses. Computer paper will not be provided directly by the SPC EMS Program faculty for students to print materials but faculty will assist students in contacting the computer room supervisors to locate print paper if needed. Lack of computer lab paper is not an excuse for not having homework assignments, skills lab sheets, or any other required classroom documents.

EXAMS

The majority of student 'written' exams will be administered via computer to prepare them for the National Registry exam and some exams will be handwritten which will encourage memory and mastery of the material. Students should practice proper spelling and grammar when answering a written exam.

Additionally, many exam questions will be constructed in the same manner as National Registry questions, allowing students to prepare for that testing format. The majority of exams are administered in a campus computer lab which must be reserved by the instructor in advance. Students are expected to arrive on time to exams and complete the exams within the time frame allowed.

You may only take one re-test on the Final Exam. There are no retests for modular exams.

- **Students are required to make a 75% or better on the cumulative final exam in order to be eligible to obtain an EMS Program Course Completion Certificate. (*see EMS Program Handbook for details)**
- ONE re-test on the final exam may be offered to the student automatically if they have a clean academic and behavioral record for the overall course, i.e.: no excessive absences or tardies, and/or no previously failed exams or assignments.
- If a student does not meet the automatic re-take criteria, they may submit an appeal to a committee of the SPC EMS medical director, the Allied Health Chairperson, a counselor, and/or others to seek recommendation for re-testing. The committee will decide whether the student is eligible for an exam re-take. If a student is not allowed a re-take, they must take the course over.
- Eligible students requesting a re-test must contact the instructor and schedule a time to come to the campus to re-take the test. (*It is not the responsibility of the instructor to contact the student and offer a re-take of the final exam.)

A student must maintain an average of 75% on sectional exams, homework, quizzes and participation to pass the course. Students are expected to demonstrate material competency by making a 75% or above on the final exam to receive a course completion certificate. (*please refer to your SPC EMS Handbook)

Final semester grades will be based on the following:

Homework	20%
Participation (Class/Lab)	5%
Sectional Exams	45%
Final Exam	30% *An exam re-take may be available, see EXAMS section for details.

Grading Scale: 90-100	A
80-89	B
75-79	C
70-74	D
69 or Below	F

Extra Credit

Extra credit is not given under most circumstances. If extra credit is given it will be given to the class as a whole and not on an individual basis.

COURSE COMPLETION CERTIFICATE

Each student petitioning to take the National Registry exam must have a course completion to apply to test. Please refer to the most current version of the SPC EMS Program Handbook for details.

COMMUNICATION POLICY

Electronic communication between instructor and students in this course will utilize the South Plains College “My SPC” email systems. The instructor will not initiate communication using private email accounts. Students are encouraged to check SPC email on a regular basis each week of class. Students will also have access to assignments, web-links, handouts, and other vital material which will be delivered via the classroom website. Any student having difficulty accessing the classroom website or their email should immediately contact their instructor for direction. The instructor will work with any student to ensure the student has access to a computer on campus and can obtain the needed class content that is located on the course website. Additionally, students are not allowed to contact the instructor via personal phone. Students may contact the instructor via phone at the college phone number assigned to the instructor.

STUDENT CONDUCT

Students in this class are expected to abide by the standards of student conduct as defined in the SPC Student Guide. **Fighting between students or any attempt to fight with faculty or staff will not be tolerated and will result in immediate dismissal from the program.** Additionally, students are expected to come to class wearing the appropriate clothing and ready for class. Cell phones should be turned off or silenced. See ‘Special Requirements’ section for details.

SPECIAL REQUIREMENTS (*Read Carefully)

Students must present a signed original hardcopy of each of the following for their student file:

- Syllabus (EMSP 1401)
- SPC EMS Program Handbook
- SPC Clinical Handbook
- Grievance Policy
- South Plains College GRADE AND ACADEMIC DISCIPLINE APPEALS

Technology Rules

- **Cell Phones** – Cell phones are to be turned OFF or on silenced during scheduled class periods, unless prior approval has been given from the instructor. **Text messaging is not allowed during scheduled class/lab times.** Cell phones are to be used outside the classroom or lab only on designated breaks. Students are not allowed to have cell phones on their person during exams. Students will receive a grade of “F” for the exam if they have a cell phone during an exam. Additionally, possession of a cell phone during an exam may be grounds for dismissal from the EMS program and from SPC. (See Cheating and Plagiarism on pp 2.)

Dress Code

1. **Class Dress Code** – Due to EMS being a uniformed profession all students will be required to wear their clinical uniform. The uniform must be clean and presentable.
 - a. **Black Pocket pants**
 - b. **Black boots**
 - c. **Gray Polo**
 - d. **Watch with a second hand**
 - e. **Stethoscope (optional)**

WHAT NOT TO WEAR: Any other attire other than that presented above in the Class Dress Code.

- **These guidelines are for your protection due to the nature of the EMS environment and the amount of lifting and moving that will take place in the lab.**
- **If you are employed by a local or regional EMS service, do not wear your uniform, badge, pager, or radio to class as this causes distractions from the teaching environment.**

COURSE DISCLAIMER

Working with the public in emergency situations is stressful and requires a mentally tough individual to provide medical care in the prehospital environment. This course is designed to teach students about real-world situations the EMT – Basic may potentially encounter in the ‘field’ while managing patient care.

In order to better prepare students for a career in the Emergency Medical Services profession, there will be times during this course where students will be exposed to training scenarios and situations that will be unpleasant to the average college student. If the student does not feel they can tolerate this type of learning environment, they should discuss this with me immediately before continuing the course.

Craig Williams
SPC EMS Instructor

ACCOMMODATIONS

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.

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 Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Reese Center (Building 8) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

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 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 from 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 corrects 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.

DATE	TOPIC	ASSIGNMENTS, TESTS, QUIZZES
WEEK 1		
THURSDAY JANUARY, 19 TH	CHAPTER 1 INTRO. TO EMERGENCY MEDICAL CARE CHAPTER 2 THE WELL-BEING OF THE EMT CHAPTER 3 LIFTING AND MOVING PATIENTS	
WEEK 2		
TUESDAY JANUARY, 24 TH	CHAPTER 4 MEDICAL/LEGAL AND ETHICAL ISSUES CHAPTER 5 MEDICAL TERMINOLOGY CHAPTER 6 ANATOMY AND PHYSIOLOGY	
THURSDAY JANUARY, 26 TH	CHAPTER 7 VENTILATION, PERFUSION, AND SHOCK: UNDERSTANDING PATHOPHYSIOLOGY CHAPTER 8 LIFE SPAN DEVELOPMENT	
WEEK 3		
TUESDAY JANUARY, 31 ST	EXAM 1-CHAPTERS 1-8 12:00PM-2:00PM	SIM LAB 2:15PM-5:00PM LIFTING AND MOVING PATIENTS
THURSDAY FEBRUARY, 2 ND	CHAPTER 9 AIRWAY MANAGEMENT CHAPTER 10 RESPIRATION AND ARTIFICIAL VENTILATION	SKILLS LAB- AIRWAY ADJUNCTS, SUCTIONING
WEEK 4		
TUESDAY FEBRUARY, 7 TH	EXAM 2- CHAPTERS 9-10 12:00PM-2:00PM	SIM LAB 2:15PM-5:00PM VENTILATION AND O2 ADMINISTRATION
THURSDAY FEBRUARY, 9 TH	CHAPTER 11 SCENE SIZE-UP CHAPTER 12 THE PRIMARY ASSESSMENT CHAPTER 13 VITAL SIGNS AND MONITORING DEVICES	
WEEK 5		

DATE	TOPIC	ASSIGNMENTS, TESTS, QUIZZES
TUESDAY FEBRUARY, 14 TH	CHAPTER 14 THE SECONDARY ASSESSMENT CHAPTER 15 COMMUNICATION AND DOCUMENTATION	
THURSDAY FEBRUARY, 16 TH	CLINICAL SITE VISITS	
WEEK 6		
TUESDAY FEBRUARY, 21 ST	SKILLS LAB	LAB: VITAL SIGNS, GLUCOMETER, PULSE OX
THURSDAY FEBRUARY, 23 RD	EXAM 3 - CH. 11-15 12:00PM-2:00PM	EMS LAB – PT. ASSESSMENT 2:15PM-5:00PM
WEEK 7		
TUESDAY FEBRUARY, 27 TH	CHAPTER 16 GENERAL PHARMACOLOGY CHAPTER 17 RESPIRATORY EMERGENCIES	SKILLS LAB- PA MEDICAL RESPIRATORY EMERGENCIES
THURSDAY MARCH, 2 ND	CHAPTER 18 CARDIAC EMERGENCIES CHAPTER 19 DIABETIC EMERGENCIES AND ALTERED MENTAL STATUS	
WEEK 8		
TUESDAY MARCH, 7 TH	CHAPTER 20 ALLERGIC REACTION CHAPTER 21 POISONING AND OVERDOSE EMERGENCIES CHAPTER 22 ABDOMINAL EMERGENCIES	
THURSDAY MARCH, 9 TH	CHAPTER 23 BEHAVIORAL, PSYCHIATRIC AND SUICIDE CHAPTER 24 HEMATOLOGIC AND RENAL EMERGENCIES	SKILLS LAB- PA MEDICAL ALL MEDICAL EMERGENCIES
<i>SPRING BREAK MARCH 13TH-17TH</i>		
Week 9		
TUESDAY MARCH, 21 ST	EXAM 4 – CHAPTERS 16-24	

DATE	TOPIC	ASSIGNMENTS, TESTS, QUIZZES
THURSDAY MARCH, 23 RD	SIM LAB	PA -MEDICAL EMERGENCIES
WEEK 10		
TUESDAY MARCH, 28 TH	CHAPTER 25 BLEEDING AND SHOCK CHAPTER 26 SOFT-TISSUE TRAUMA	SKILLS LAB- BANDAGING PA TRAUMA
THURSDAY MARCH, 30 TH	CHAPTER 27 CHEST AND ABDOMINAL TRAUMA CHAPTER 28 MUSCULOSKELETAL TRAUMA	SKILLS LAB – SPLINTING PA TRAUMA
WEEK 11		
TUESDAY APRIL, 4 TH	CHAPTER 29 TRAUMA TO THE HEAD, NECK, AND SPINE CHAPTER 30 MULTISYSTEM TRAUMA CHAPTER 31 ENVIRONMENTAL EMERGENCIES	
THURSDAY APRIL, 6 TH	EXAM 5 – CHAPTERS 25-31 12:00PM-2:00PM	SIM LAB- PA TRAUMA SIM CAR 2:15PM-5:00PM
WEEK 12		
TUESDAY APRIL, 11 TH	CHAPTER 32 OBSTETRIC AND GYNECOLOGIC CHAPTER 33 PEDIATRIC EMERGENCIES	
THURSDAY APRIL, 13 TH	CHAPTER 34 GERIATRIC EMERGENCIES CHAPTER 35 PATIENTS WITH SPECIAL CHALLENGES	
WEEK 13		
TUESDAY APRIL, 18 TH	NO CLASS EASTER BREAK	
THURSDAY APRIL, 20 TH	EXAM 6 – CHAPTERS 32-35 12:00PM-2:00PM	PA- OB GYN, PEDIATRICS 2:15PM-5:00PM
WEEK 14		

DATE	TOPIC	ASSIGNMENTS, TESTS, QUIZZES
TUESDAY APRIL, 25 TH	CHAPTER 36 EMS OPERATIONS CHAPTER 37 HAZMAT, MCI, AND INCIDENT MANAGEMENT	
THURSDAY APRIL, 27 TH	CHAPTER 38 HIGHWAY SAFETY AND VEHICLE EXTRICATION CHAPTER 39 EMS RESPONSE TO TERRORISM	EXAM 7- ONLINE- CHAPTERS 36-39
WEEK 15		
TUESDAY MAY, 2 ND	SKILLS TESTING	
THURSDAY MAY, 4 TH	FINAL REVIEW	<u>*ALL CLINICAL PAPERWORK DUE*</u>
WEEK 16		
TUESDAY MAY, 9 TH	SKILLS TESTING	
THURSDAY MAY, 11 TH	FINAL EXAM	