



## **Course Syllabus**

### **EMSP 2260 – Emergency Medical Technician Paramedic Clinicals**

*Revision Date: 01/12/2017*

**Catalog Description:** A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. Direct supervision is provided by the clinical professional.

**Lecture hours = 0, Lab hours = 0**

**Prerequisites:** EMSP 1501, EMSP 1361, Current EMT-Basic certification, Current CPR (Healthcare Provider/Professional Rescuer) certification

**Co-requisite:** EMSP 1338, EMSP 1356, EMSP 1355, EMSP 2205

**Semester Credit Hours: 2**

**Lecture Hours per Week: 0**

**Lab Hours per Week: 0**

**Contact Hours per Semester: 192**

**State Approval Code: 51.0904**

#### **Instructional Goals and Purposes:**

At the completion of the course, the student will have cognitive, psychomotor and effective competencies in the recognition and treatment of pre-hospital emergencies at the EMT – paramedic level.

#### **Learning Outcomes:**

1. Apply the theory, concepts, and skills involving specialized materials, tools, equipment, procedures, regulations, laws, and interactions within and among political, economic, environmental, social, and legal systems associated with the occupation and the business/industry.
2. Will demonstrate legal and ethical behavior, safety practices, interpersonal and teamwork skills, and appropriate written and verbal communication skills using the terminology of the occupation and the business/industry.

**Specific Course Objectives (includes SCANS):**

After studying all materials and resources presented in the course, the student will be able to:

1. Complete an orientation of expected behavior before, during and after a response with the ambulance crew. (scans: 1A i, iv, v, Ci, ii, iii, iv, v; 2Di, Ei, ii, iii)
2. Locate, inspect, and prepare each piece of equipment for use on the ambulance. (scans: 1Ai, iv, v, Ci, ii, iii, iv, v; 2Di, Ei, ii, iii)
3. Practice loading and unloading the ambulance stretcher with and without a patient. (scans: Ei, ii, iii)
4. Assist and review the treatment of trauma cases and medical emergencies. (1Ai, iv, v)
5. Assist in triaging patients (1A li, ii, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Ci, ii, iii)
6. Assist in hemorrhage control; and splinting, airway management, cases of cardiac arrest to include the performance of CPR, Administration of Epinephrine in allergic reactions and the administration of a bronchodilator with an inhaler. (1A li, ii, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Bi, ii, iii, iv; Ci, ii, iii; Ei, ii, iii)
7. Assist in the management of cardiac arrest through the use of an AED, medications and airway maintenance. (1A li, li, iv, v; Bii, iii, iv; Ci, ii, iii, iv, v; 2Bi, ii, iii, iv; Ci, ii, iii; Ei, ii, iii)
8. Discuss and demonstrate application of didactic knowledge during hospital clinical and EMS internships. (1A, iv, v: Bii, iii; Ci, ii, iii, iv, v; 2Ai, iii, iv; B I, iii, iv, vi; Ci, ii, iii; Ei, ii, iii)
9. Discuss and demonstrate knowledge of clinical facilities, roles and responsibilities of an EMT intermediate candidate. (2Ai, iv; Bi, iii, vi; Di; Ei, ii, iii)
10. Discuss and demonstrate application of didactic knowledge during hospital clinical and EMS internships. (1Aiv, v; Bii, iii; Ci, ii, iii, iv, v; 2Ai, iii, iv; B I, iii, iv, vi; Ci, ii, iii; Ei, ii, iii)
11. Discuss and demonstrate knowledge of clinical facilities, roles and responsibilities of an EMT intermediate candidate. (2Ai, iv; Bi, iii, vi; Di; Ei, ii, iii)
12. Function as a team member in both the hospital and the EMS internship setting focusing on treatment of both traumatic and medical emergencies in which the appropriate medical care is applied. (2i, iii, iv, vi)
13. Identify and apply basic and advanced skills needed including the performance of patient assessment skills during the treatment of all patients encountered in the hospital and EMS setting. (2Bv; Ci, ii, iii)

**Course Content:**

A general description of lecture/discussion topics included in this course are listed in the Learning Objectives / Specific Course Objectives sections of this syllabus.

Students in all sections of this course will be required to do the following: see specific course objectives

**Methods of Instruction/Course Format/Delivery:**

This course is offered in a preceptor environment. Students will report to their assigned clinical rotations and report to the preceptor at that facility.

**Major Assignments / Assessments:**

The following items will be assigned and assessed during the semester and used to calculate the student's final grade.

### **Assignments**

Students are required to keep a clinical notebook to consist of time sheets, patient contact forms, preceptor evaluations of students and student evaluations of preceptors. They will then enter all patient contacts and skills used into FISDAP within 72 hours.

### **Assessment(s):**

Assessment will consist of a complete clinical notebook. All clinical rotation hours must be completed and clinical written work submitted by the date of the final or the student will receive a failing grade for the clinical course. If the student has not completed the clinical rotation hours by the day of the final due to extenuating circumstances, the student may petition in writing to the instructor explaining the circumstance and requesting an incomplete. **If a student receives an incomplete, they must complete the course requirements in order to receive course credit. The student may have to re-pay for liability insurance in certain instances.**

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### **Course Grade:**

The following grading scale is used for the theory/lab and clinical courses:

A 90 – 100  
B 80 – 89  
C 70 – 79  
D 60 – 69 (Not passing)  
F Below 60(Not passing)

### **Texts, Materials, and Supplies:**

- *No text required for this course.*

### **Required Readings:**

### **Recommended Readings:**

### **Other:**

#### **CLINICAL QUALIFICATION REQUIREMENTS**

In order to qualify for participation in the clinical rotations, the student must meet the following requirements:

- 1) Have on file proof of all required immunizations as per Health Occupations Division policy.
- 2) Have on file a completed Health Occupations Division Physical Exam form.
- 3) Have on file proof of AHA BCLS certification that is valid through the end of clinical rotations.
- 4) Have clearance on the criminal history (background check).
- 5) Have clearance on the drug screen
- 6) Have uniform clearance
- 7) Have all appropriate release forms on file
- 8) Have an overall 70% grade average in the EMSP 1501 course at the time all other criteria are met.

- For current texts and materials, use the following link to access bookstore listings: <http://www.panolacollegestore.com>
- For testing services, use the following link: <http://www.panola.edu/elearning/testing.html>
- If any student in this class has special classroom or testing needs because of a physical learning or emotional condition, please contact the ADA Student Coordinator in Support Services located in the Administration Building or go to <http://www.panola.edu/student-success/disability-support-services/> for more information.
- Withdrawing from a course is the student's responsibility. Students who do not attend class and who do not withdraw will receive the grade earned for the course.
- Student Handbook, *The Pathfinder*: <http://www.panola.edu/student-success/documents/pathfinder.pdf>

## SCANS CRITERIA

### 1) **Foundation skills are defined in three areas: basic skills, thinking skills, and personal qualities.**

- a) **Basic Skills:** A worker must read, write, perform arithmetic and mathematical operations, listen, and speak effectively. These skills include:
  - i) Reading: locate, understand, and interpret written information in prose and in documents such as manuals, graphs, and schedules.
  - ii) Writing: communicate thoughts, ideas, information, and messages in writing, and create documents such as letters, directions, manuals, reports, graphs, and flow charts.
  - iii) Arithmetic and Mathematical Operations: perform basic computations and approach practical problems by choosing appropriately from a variety of mathematical techniques.
  - iv) Listening: receive, attend to, interpret, and respond to verbal messages and other cues.
  - v) Speaking: Organize ideas and communicate orally.
- b) **Thinking Skills:** A worker must think creatively, make decisions, solve problems, visualize, know how to learn, and reason effectively. These skills include:
  - i) Creative Thinking: generate new ideas.
  - ii) Decision Making: specify goals and constraints, generate alternatives, consider risks, and evaluate and choose the best alternative.
  - iii) Problem Solving: recognize problems and devise and implement plan of action.
  - iv) Visualize ("Seeing Things in the Mind's Eye"): organize and process symbols, pictures, graphs, objects, and other information.
  - v) Knowing How to Learn: use efficient learning techniques to acquire and apply new knowledge and skills.
  - vi) Reasoning: discover a rule or principle underlying the relationship between two or more objects and apply it when solving a problem.
- c) **Personal Qualities:** A worker must display responsibility, self-esteem, sociability, self-management, integrity, and honesty.
  - i) Responsibility: exert a high level of effort and persevere toward goal attainment.
  - ii) Self-Esteem: believe in one's own self-worth and maintain a positive view of oneself.
  - iii) Sociability: demonstrate understanding, friendliness, adaptability, empathy, and politeness in group settings.
  - iv) Self-Management: assess oneself accurately, set personal goals, monitor progress, and exhibit self-control.
  - v) Integrity and Honesty: choose ethical courses of action.

### 2) **Workplace competencies are defined in five areas: resources, interpersonal skills, information, systems, and technology.**

- a) **Resources:** A worker must identify, organize, plan, and allocate resources effectively.
  - i) Time: select goal-relevant activities, rank them, allocate time, and prepare and follow schedules.
  - ii) Money: Use or prepare budgets, make forecasts, keep records, and make adjustments to meet objectives.
  - iii) Material and Facilities: Acquire, store, allocate, and use materials or space efficiently. Examples: construct a decision time line chart; use computer software to plan a project; prepare a budget; conduct a cost/benefits analysis; design an RFP process; write a job description; develop a staffing plan.
- b) **Interpersonal Skills:** A worker must work with others effectively.
  - i) Participate as a Member of a Team: contribute to group effort.
  - ii) Teach Others New Skills.
  - iii) Serve Clients/Customers: work to satisfy customer's expectations.

- iv) **Exercise Leadership:** communicate ideas to justify position, persuade and convince others, responsibly challenge existing procedures and policies.
- v) **Negotiate:** work toward agreements involving exchange of resources, resolve divergent interests.
- vi) **Work with Diversity:** work well with men and women from diverse backgrounds.

Examples: collaborate with a group member to solve a problem; work through a group conflict situation, train a colleague; deal with a dissatisfied customer in person; select and use appropriate leadership styles; use effective delegation techniques; conduct an individual or team negotiation; demonstrate an understanding of how people from different cultural backgrounds might behave in various situations.

- c) **Information:** A worker must be able to acquire and use information.

- i) **Acquire and Evaluate Information.**
- ii) **Organize and Maintain Information.**
- iii) **Interpret and Communicate Information.**
- iv) **Use Computers to Process Information.**

Examples: research and collect data from various sources; develop a form to collect data; develop an inventory record-keeping system; produce a report using graphics; make an oral presentation using various media; use on-line computer data bases to research a report; use a computer spreadsheet to develop a budget.

- d) **Systems:** A worker must understand complex interrelationships.

- i) **Understand Systems:** know how social, organizational, and technological systems work and operate effectively with them.
- ii) **Monitor and Correct Performance:** distinguish trends, predict impacts on system operations, diagnose deviations in systems' performance and correct malfunctions.
- iii) **Improve or Design Systems:** suggest modifications to existing systems and develop new or alternative systems to improve performance.

Examples: draw and interpret an organizational chart; develop a monitoring process; choose a situation needing improvement, break it down, examine it, propose an improvement, and implement it.

- e) **Technology:** A worker must be able to work with a variety of technologies.

- i) **Select Technology:** choose procedures, tools or equipment including computers and related technologies.
- ii) **Apply Technologies to Task:** understand overall intent and proper procedures for setup and operation of equipment.
- iii) **Maintain and Troubleshoot Equipment:** Prevent, identify, or solve problems with equipment, including computers and other technologies.

Examples: read equipment descriptions and technical specifications to select equipment to meet needs; set up and assemble appropriate equipment from instructions; read and follow directions for troubleshooting and repairing equipment.