

JEFFERSON COLLEGE

COURSE SYLLABUS

PAR200 Paramedic Advanced Care and Terminology

4 credit hours

Prepared by: Earl Neal

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PAR200 Paramedic Advanced Care and Terminology

I. CATALOGUE DESCRIPTION

A. Prerequisites

1. EMT206, or one year, documented, full-time patient care experience
2. ENG101, with a grade of “C” or better
3. BIO116 or BIO212, with a grade of “C” or better
4. Reading proficiency
5. Current American Heart Association Healthcare Provider CPR certification
6. Current Missouri EMT license
7. Criminal background check
8. Current immunizations required: MMR, PPD, Flu, Hepatitis B series, Tdap, and Varicella series

Co-requisites

1. PAR205 Paramedic Pharmacology
2. PAR220 Paramedic Clinical Practicum I
3. PAR225 Paramedic Internship I

B. 4 credit hours

- C. Paramedic Advanced Care and Terminology prepares the Emergency Medical Services (EMS) student to understand medical legal and ethical issues, EMS systems, safety and wellness, EMS communication, documentation, anatomy and physiology, and both basic and advanced medical terminology. (F)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

Learning Outcome	Assessment Measures
Identify the medicolegal system unique to each situation encountered	Written exams, quizzes, workbooks, class discussions, practical labs
Determine and demonstrate appropriate advanced airway treatments and techniques	Written exams, quizzes, workbooks, class discussions, practical labs
Document all patient finding (i.e., vital signs, history, allergies, signs and symptoms, etc.)	Written exams, quizzes, workbooks, class discussions, practical labs

III. OUTLINE OF TOPICS

- A. Introduction to advanced prehospital care
 - 1. Description of the profession
 - 2. Paramedic characteristics
 - 3. True health professional

- B. EMS systems
 - 1. History of EMS
 - 2. Today's EMS system

- C. Roles and responsibilities of the paramedic
 - 1. Primary responsibilities
 - 2. Additional responsibilities
 - 3. Professionalism

- D. Medical legal aspects
 - 1. Legal duties
 - 2. Legal accountability
 - 3. Documentation

- E. Anatomy and physiology
 - 1. The cell and cellular environment
 - 2. Body systems
 - 3. Terminology

- F. General Principles of pathophysiology
 - 1. How normal body processes are altered by disease and injury
 - 2. Body's defense against disease

- G. Life span development
 - 1. Infancy
 - 2. Toddler
 - 3. Adolescence
 - 4. Adulthood

- H. Therapeutic communications
 - 1. Basic elements of communications
 - 2. Communication techniques

- I. Terminology
 - 1. Introduction to word parts
 - 2. Suffixes, prefixes, and root words
 - 3. Body system terminology

IV. METHOD(S) OF INSTRUCTION

- A. Lecture
- B. Psychomotor practice and simulation
- C. Classroom discussion
- D. Student presentation
- E. Homework

V. REQUIRED TEXTBOOK(S)

- A. Bledsoe, B., Porter, R., & Cherry, R., *Essentials of Paramedic Care Update*. Upper Saddle River, NJ: Prentice Hall, Current ed
- B. Wingerd, B., *Medical Terminology Complete!*. Upper Saddle River, NJ: Prentice Hall, Current ed

VI. REQUIRED MATERIALS

- A. Uniform for lecture/lab
 1. Navy blue color polo with EMS logo embroidered
 2. Dark blue or black EMS pants
 3. Dark socks
 4. Black shoes
 5. Black belt
 6. Jefferson College Student ID badge
- B. Stethoscope
- C. Wristwatch with second hand capabilities
- D. Computer with internet access (available through Jefferson College Labs)

VII. SUPPLEMENTAL REFERENCES

- A. Library Resources: IPAD
- B. Miller, C.D., *Paramedic National Standards Self Test*. Upper Saddle River, NJ: Prentice Hall, Current ed

- C. All students review and sign a Contract of Understanding outlining the additional rules applied to all Paramedic courses

VIII. METHOD OF EVALUATION

- A. Didactic
 - 1. Quizzes
 - 2. Homework
 - 3. Module Exams
 - 4. Classroom participation
 - 5. Class projects
- B. Psychomotor
 - 1. Student Portfolios
 - 2. Practical evaluations
 - 3. Independent labs
 - 4. Professionalism
- C. Assignment of Final Letter Grades
 - A = 92 - 100
 - B = 85 – 91.9
 - C = 80 – 84.5
 - D = 75 – 79.9
 - F = Below 75

IX. ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Library; phone 636-481-3169).

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see College website, <http://www.jeffco.edu>).

XI. ATTENDANCE STATEMENT

Regular and punctual attendance is expected of all students. Any one of these four options may result in the student being removed from the class and an administrative withdrawal being processed: (1) Student fails to begin class; (2) Student ceases

participation for at least two consecutive weeks; (3) Student misses 15 percent or more of the coursework; and/or (4) Student misses 15 percent or more of the course as defined by the instructor. Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII. OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of expectations regarding coursework to be completed outside the classroom. Students are expected to spend substantial time outside of class meetings engaging in academically related activities such as reading, studying, and completing assignments. Specifically, time spent on academically related activities outside of class combined with time spent in class meetings is expected to be a minimum of 37.5 hours over the duration of the term for each credit hour.