

JEFFERSON COLLEGE

COURSE SYLLABUS

PAR235 Paramedic Special Considerations

3 credit hours

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PAR235 Paramedic Special Considerations

I. CATALOGUE DESCRIPTION

A. Prerequisites

1. PAR200 Paramedic Advanced Care and Terminology
2. PAR205 Paramedic Pharmacology
3. PAR215 Paramedic Advanced Cardiology
4. PAR210 Paramedic Medical Emergencies
5. PAR220 Paramedic Clinical Practicum I
6. PAR225 Paramedic Internship I
7. Reading proficiency
8. Current American Heart Association Healthcare Provider CPR certification
9. Current Missouri EMT license
10. Criminal background check
11. Current immunizations required: MMR, PPD, Flu, Hepatitis B series, Tdap, and Varicella series

Co-requisites

1. PAR230 Paramedic Trauma Emergencies
2. PAR245 Paramedic Clinical Practicum II
3. PAR250 Paramedic Internship II

B. 3 credit hours

- C. Paramedic Special Considerations teaches the anatomy and physiology of the non-pregnant and pregnant patient, the stages of labor and delivery; as well as the care of the mother and newborn. The student will learn to assess, evaluate, and treat pediatric patients, neonates, geriatrics, and patients with special challenges for medical and traumatic concerns. The course will cover abuse and assault in patients at risk including the reporting requirements. (S)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

Learning Outcome	Assessment Measures
Define what determines a newborn and a neonate patient	Written exams, quizzes, class discussions, practical applications
Identify the primary signs utilized for evaluating a newborn during resuscitation	Written exams, quizzes, class discussions, practical applications

Identify important intrapartum factors that determine high risk newborn patients	Written exams, quizzes, class discussions, practical applications
Describe Emergency Medical Services for Children (EMSC) and how it can affect patient outcome	Written exams, quizzes, class discussions, practical applications
Define pediatric respiratory distress, failure, and arrest	Written exams, quizzes, class discussions, practical applications
Discuss the appropriate transport guidelines for low and high risk infants and children	Written exams, quizzes, class discussions, practical applications
Discuss the factors that may complicate the assessment of the elderly patient	Written exams, quizzes, class discussions, practical applications
Discuss the use of commonly prescribed drugs for the elderly patient	Written exams, quizzes, class discussions, practical applications
Describe the characteristics associated with the profile of a typical spouse, elder, or child abuser and the typical sexual assault assailant	Written exams, quizzes, class discussions, practical applications

III. OUTLINE OF TOPICS

- A. Neonatology
 - 1. Distressed newborn
 - 2. Resuscitation
 - 3. Neonatal transport
 - 4. Prematurity

- B. Pediatrics
 - 1. Improved healthcare and injury prevention
 - 2. Growth and development
 - 3. Advanced airway management
 - 4. Child abuse and neglect
 - 5. Sudden Infant Death Syndrome (SIDS)

- C. Geriatrics
 - 1. Societal issues
 - 2. Pathophysiology in the elderly
 - 3. Common medical problems in the elderly
 - 4. Trauma in the elderly

- D. Abuse and assault

1. Partner abuse
 2. Elder abuse
 3. Child abuse
 4. Sexual assault
 5. Legal documentation
- E. Challenged patients
1. Physical challenges
 2. Mental and emotional challenges
 3. Developmental challenges
 4. Pathological challenges
- F. Acute intervention for the chronic-care patient
1. Epidemiology of home care
 2. Transport management treatment plan
 3. Respiratory disorders
 4. Hospice and comfort care
- G. Assessment based management
1. Importance of accurate information
 2. Assessment/management choreography
 3. Establishing trust and credibility

IV. METHOD(S) OF INSTRUCTION

- A. Lecture
- B. Psychomotor Practice and Simulation
- C. Classroom Discussions
- D. Student Participation
- E. Homework

V. REQUIRED TEXTBOOK(S)

Bledsoe, B., Porter, R., & Cherry, R., *Essentials of Paramedic Care Update*. 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

VIII. METHOD OF EVALUATION

- A. Didactic
 1. Quizzes
 2. Homework
 3. High stakes exams
 4. Classroom participation
 5. Class project (community service)
- B. Psychomotor
 1. Student portfolio
 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.