JEFFERSON COLLEGE
COURSE SYLLABUS

RCP265
Respiratory Care Skills Lab V
1 Credit Hour

Prepared by:
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Elizabeth Check, Dean, Career and Technical Education
Mary Beth Ottinger, Division Chair
RCP265  Respiratory Care Skills Lab V

I.  CATALOGUE DESCRIPTION
   A.  Prerequisite: RCP210 Introduction to Mechanical Ventilation, RCP225 Respiratory Care Skills Lab III, RCP170 Respiratory Care Clinical II, and RCP200 Respiratory Care Specialties; all courses must be completed with a grade of “C” or better.

   B.  Credit hour award - 1

   C.  Description: This course offers a skills laboratory session to enable the learner to observe and demonstrate the skills essential to pediatric and neonatal respiratory care. Students practice advanced level respiratory care procedures, with emphasis on special techniques used in the pediatric and neonatal populations in the clinical laboratory under simulated patient situations. Practice in the patient simulator laboratory is mandatory. (S)

II.  EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

<table>
<thead>
<tr>
<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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<tbody>
<tr>
<td>Perform advanced pediatric and neonatal cardiac life support</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>PALS Exam/ skill demonstration exam</td>
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<td>Demonstrate ability to assess and intervene in neonatal and pediatric respiratory patients in the ICU and communicate needs to physician</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>skill demonstration exam</td>
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<td>Perform manipulations of ventilators to improve outcomes of the neonatal and pediatric patient following standard protocols</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>skill demonstration exam</td>
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<td>Perform transport of the neonatal and pediatric patient</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>skill demonstration exam</td>
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<td>Apply multiple modalities of care simultaneously</td>
<td>Class activity</td>
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<td>skill demonstration exam</td>
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<tr>
<td>Perform special diagnostic procedures to the neonatal and pediatric patient</td>
<td>Class activity</td>
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<td>Design a homecare regimen for the neonate and pediatric patient utilizing therapist driven protocols and communicate needs to physicians</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>skill demonstration exam</td>
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III. COURSE OUTLINE--Students will practice concepts learned in the lecture classes in the laboratory course under simulation conditions.

A. Assessment of the neonatal and pediatric patient
B. Therapy modalities for neonatal and pediatric patient
C. Mechanical ventilation for the neonatal and pediatric patient
D. Special considerations for the neonatal and pediatric patient

IV. METHOD(S) OF INSTRUCTION
A. Lecture
B. Readings from textbook
C. Supplemental handouts
D. Classroom activities
E. Participation in active learning by simulation in the simulation labs, computer programs, games, and internet based activities.
F. Peer interactive activities and discussions in classroom and online

V. REQUIRED TEXTBOOK


VI. REQUIRED MATERIALS
A. Course homepage available through jeffco.edu
B. A computer with internet access (available through the Jefferson College Labs).
C. Paper, notebooks, black pens, pencils with erasers.
D. Stethoscope kit

VII. SUPPLEMENTAL REFERENCES
A. Class handouts
B. Videos

VIII. METHOD OF EVALUATION (basis for determining course grade)
A. Classroom activities 30%
B. Homework/ Case studies 30%
C. Summation examinations/ skill demonstrations- comprehensive 30%
D. Attendance: 10%
E. Grading scale:  
A=92-100%  
B=86-91.9%  
C=80-85.9%  
D=70-79.9%  
F=0-69.9%

IX. ADA STATEMENT  
Any student requiring special accommodations should inform the instructor and the  
Coordinator of Disability Support Services (Library; phone 636-797-3000, ext. 169).

X. ACADEMIC HONESTY STATEMENT  
All students are responsible for complying with campus policies as stated in the Student  
Handbook. Any student who cheats or plagiarizes will be subject to dismissal from the  
program and will be referred to the college for disciplinary action. (see College website,  