JEFFERSON COLLEGE

COURSE SYLLABUS

RCP225

Respiratory Care Skills Lab III

4 Credit Hours

Prepared by:
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Respiratory Therapy Program Director

Date Created 4/15/11

Elizabeth Check, Dean, Career and Technical Education
Mary Beth Ottinger, Division Chair
I. CATALOGUE DESCRIPTION
   A. Prerequisite: RCP155 Airways, RCP150 Cardiopulmonary Pathophysiology, RCP160 Arterial Blood Gases, RCP140 Respiratory Care Clinical I, and RCP145 Respiratory Care Skills Lab II; all courses must be completed with a grade of “C” or better.

   B. Credit hour award - 4

   C. Description: This course will allow practice of advanced respiratory therapy procedures of mechanical ventilation. Students practice advanced level respiratory care procedures as encountered in the ICU under simulated patient situations. This laboratory session will enable the learner to observe and practice the principles of operation of mechanical ventilators prior to their hospital experience. Practice in the patient simulator laboratory is mandatory. (F)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

<table>
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<tr>
<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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<tr>
<td>Perform emergency advanced cardiac life support</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>ACLS Exam/ skill demonstration exam</td>
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<tr>
<td>Demonstrate ability to transport ventilator patients</td>
<td>Class activity</td>
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<td></td>
<td>Homework</td>
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<td>Skill demonstration exam</td>
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<tr>
<td>Perform ventilator initiation and weaning</td>
<td>Class activity</td>
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<td>Homework</td>
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<td></td>
<td>Skill demonstration exam</td>
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<tr>
<td>Assess ventilator patients</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Skill demonstration exam</td>
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<td>Apply graphic interpretations for the ventilator patients</td>
<td>Class activity</td>
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<td></td>
<td>Homework</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 this laboratory course under simulation conditions.
   A. Ventilator initiation
   B. Ventilator weaning
   C. Assessment of ventilator patients
   D. Implementation of ACLS protocols
   E. Transportation of the critically ill ventilator 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, http://www.jeffco.edu/jeffco/index.php?option=com_weblinks&catid=26&Itemid=84)