JEFFERSON COLLEGE
COURSE SYLLABUS

RCP245
Respiratory Care Skills Lab IV
4 Credit Hours

Prepared by:
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Elizabeth Check, Dean, Career and Technical Education
Mary Beth Ottinger, Division Chair
RCP245  Respiratory Care Skills Lab IV

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 - 4

   C. Description: This course will allow practice of advanced respiratory therapy procedures of advanced mechanical ventilation 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 specialized technical procedures on the critically ill 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>Judge the best means of communicating and teaching the therapy desired to families of patients</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<tr>
<td></td>
<td>skill demonstration exam</td>
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<tr>
<td>Apply core knowledge of assessment to determine when to adjust respiratory interventions and make recommendations to physicians</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<tr>
<td></td>
<td>skill demonstration exam</td>
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<tr>
<td>Solve case scenarios using critical thinking skills learned and predict patient outcomes</td>
<td>Group assessment</td>
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<td>Defend theories to classmates</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. Advanced hemodynamic interventions
   B. Recognizing complications and improvements of mechanically ventilated patients
   C. Advanced ventilators
   D. Applying special therapies to the respiratory patient
   E. Tracheotomy patients in the ICU and long term care

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