JEFFERSON COLLEGE
COURSE SYLLABUS

RCP145
Respiratory Care Skills Lab II

2 Credit Hours

Prepared by:
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RCP145 Respiratory Care Skills Lab II

I. CATALOGUE DESCRIPTION
   A. Prerequisite: RCP130 Cardiopulmonary Pharmacology, RCP120 Respiratory Equipment and Noncritical Floor Care, RCP125 Respiratory Care Skills Lab I, RCP110 Cardiopulmonary Anatomy and Physiology, and RCP100 Introduction to Respiratory Care; all courses must be completed with a grade of “C” or better.

   B. Credit hour award - 2

   C. Description: This course will give the opportunity to practice basic entry level respiratory therapy procedures in a laboratory setting with simulated patient situations. (Su)

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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<tbody>
<tr>
<td>Describe methodologies for disease specific therapy</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>Summative Exam/ skill demonstration</td>
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<td>Demonstrate all modalities of therapy effectively</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td></td>
<td>Summative Exam/ skill demonstration</td>
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<td>Perform maintenance and cleaning of equipment</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>Describe the procedure for obtaining arterial samples</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>Summative Exam/ skill demonstration</td>
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<td>Apply knowledge of ventilator mechanics for initiating ventilation</td>
<td>Class activity</td>
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<td>Homework/case study analysis</td>
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<td>Summative Exam/ skill demonstration</td>
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<tr>
<td>Perform endotracheal intubation and succioning</td>
<td>Class activity</td>
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<td>Demonstrate the procedure for chest tube insertion and maintainance</td>
<td>Class activity</td>
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<td>Summative Exam/ skill demonstration</td>
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<td>Perform patient history and assessment</td>
<td>Community service learning/group project</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. Report writing for respiratory
   B. Equipment maintenance
   C. Equipment for cardiopulmonary/hemodynamic assessment
   D. Obtaining Arterial blood gas proficiency
   E. Oxygen therapy administration
   F. Chest Physiotherapy and Chest expansion therapy
   G. Administering respiratory medications
H. Initiating invasive and noninvasive ventilation
I. Maintaining airways
J. Chest tubes

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
B. Homework/ Case studies
C. Summation examinations/ skill demonstrations- comprehensive
D. Attendance:
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)