JEFFERSON COLLEGE

COURSE SYLLABUS

RCP125
Respiratory Care Skills Lab I

3 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
RCP125  Respiratory Care Skills Lab I

I. CATALOGUE DESCRIPTION
   A. Prerequisite: Admission to the program
   B. Credit hour award - 3
   C. Description - Topics to be covered in this course include: hospital and departmental organization, medical ethics, patients’ rights, legal responsibilities, report writing, and hospital etiquette. Theory, application and equipment will be presented for patient cardiopulmonary assessment, medical gas administration, oxygen therapy, infection control, equipment maintenance, chest physiotherapy, chest expansion therapy, and administering medicated aerosol therapy. Students practice entry level respiratory care procedures in the clinical laboratory under simulated patient situations. (S)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

<table>
<thead>
<tr>
<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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<tr>
<td>Describe the proper procedure for documenting medical encounters</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam /skill demonstration</td>
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<td>Demonstrate proper universal and respiratory protective precautions</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam/ skill demonstration</td>
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<tr>
<td>Perform proper equipment maintenance and assemblage of respiratory equipment</td>
<td>Class activity</td>
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<td>Homework</td>
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<td></td>
<td>Summative Exam/ skill demonstration</td>
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<tr>
<td>Perform proper administration of medication and therapy</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam/ skill demonstration</td>
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<td>Perform chest physiotherapy for specific patient types</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam/ skill demonstration</td>
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<td>Perform initiation of noninvasive mechanical ventilation for stable patients</td>
<td>Class activity</td>
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<td>Homework</td>
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<td></td>
<td>Summative Exam/ skill demonstration</td>
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<tr>
<td>Demonstrate knowledge of medical gas administration</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam/ skill demonstration</td>
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<tr>
<td>Perform CPR effectively</td>
<td>Class activity</td>
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<td>Homework</td>
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<td>Summative Exam/ skill demonstration</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. Hospital and departmental organization
B. Hospital etiquette
C. Infection control
D. Medical ethics and patient rights
E. Legal responsibilities
F. Report writing
G. Equipment maintenance
H. Equipment for cardiopulmonary assessment
I. Medical gas administration
J. Oxygen therapy devices
K. Chest Physiotherapy
L. Chest expansion therapy
M. Administering medicated aerosol therapy
N. Non-invasive ventilation

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,