JEFFERSON COLLEGE

COURSE SYLLABUS

RCP270
Respiratory Care Clinical IV

3 Credit Hours

Prepared by:
Norma Cooper
Respiratory Therapy Program Director

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Elizabeth Check, Dean, Career and Technical Education
Mary Beth Ottinger, Division Chair
RCP270 Respiratory Care Clinical IV

CATALOGUE DESCRIPTION
A. Prerequisite – RCP245 Respiratory Care Skills Lab IV, RCP265 Respiratory Care Skills Lab V, RCP260 Neonatal and Pediatric Respiratory Care, RCP240 Respiratory Care Clinical III, and RCP250 Advanced Mechanical Ventilation; all courses must be completed with a grade of “C” or better.

B. Credit hour award - 3

C. Description - This course includes application of respiratory care principles in the hospital setting. Competency in specialty areas such as homecare, PFT, EKG, cardiac stress testing, polysomnography, and neonatal and pediatric care practice will be covered. Students will practice advanced level respiratory care procedures in a variety of hospital settings. (Su)

EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

<table>
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<th>Expected Learning Outcomes</th>
<th>Assessment Measures</th>
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<tr>
<td>Evaluate neonatal and pediatric patients and communicate with physicians</td>
<td>Clinical activity/ discussion board post</td>
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<td>Case studies</td>
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<td>Preceptor evaluation</td>
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<td>Demonstrate ability to intervene appropriately with the neonatal and pediatric patient to improve respiratory status</td>
<td>Clinical activity/ discussion board post</td>
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<td>Case studies</td>
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<td>Preceptor evaluation</td>
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<tr>
<td>Perform basic pulmonary function testing, cardiac stress testing, interpret results, and communicate results effectively with the physician</td>
<td>Clinical activity/ discussion board post</td>
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<td>Case studies</td>
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<td>Preceptor evaluation</td>
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<td>Assist in bronchoscopy</td>
<td>Clinical activity/ discussion board post</td>
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<td>Case studies</td>
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<td>Preceptor evaluation</td>
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<td>Apply knowledge of sleep diagnostic procedure to the respiratory patient</td>
<td>Clinical activity/ discussion board post</td>
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<td>Choose appropriate therapy and make recommendations to physicians in the homecare setting</td>
<td>Clinical activity/ discussion board post</td>
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<td>Case studies</td>
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<td>Preceptor evaluation</td>
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COURSE OUTLINE--Students will have hospital/ patient care experiences that will allow for reinforcement of the following concepts.
A. Neonatal and pediatric assessment
B. Neonatal and pediatric therapy, treatment, modalities, and mechanical ventilation
C. Pulmonary Function Testing
D. Home Care
E. Polysomnography

METHOD(S) OF INSTRUCTION:
A. Clinical activities
B. Participation in active learning by hospital based activities.
C. Peer interactive activities and discussions in hospital classrooms and online

REQUIRED TEXTBOOK:


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
E. Scrubs and tennis shoes according to dress codes stipulations
F. Student I.D.
G. Respiratory pocket guide and lab book

SUPPLEMENTAL REFERENCES: None

METHOD OF EVALUATION (basis for determining course grade)
A. Clinical activities 50%
B. Homework/case studies 20%
C. Preceptor evaluations/ examinations- comprehensive 20%
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%

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).

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 )