



RESP 280 - Respiratory Care Topics II Course Outline

Approval Date: 12/09/2011

Effective Date: 08/20/2012

SECTION A

Unique ID Number CCC000332821

Discipline(s) Respiratory Technologies

Division Health Occupations

Subject Area Respiratory Care

Subject Code RESP

Course Number 280

Course Title Respiratory Care Topics II

TOP Code/SAM Code 1210.00 - Respiratory Care Therapy/Therapist* / C - Occupational

Rationale for adding this course to the curriculum None noted.

Units 2

Cross List N/A

Typical Course Weeks

Total Instructional Hours

Contact Hours

Lecture 38.00

Lab 0.00

Activity 0.00

Work Experience 0.00

Outside of Class Hours 56.00

Total Contact Hours 38

Total Student Hours 94

Open Entry/Open Exit No

Maximum Enrollment 30

Grading Option Letter Grade Only

Distance Education Mode of Instruction

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Description The students will receive instruction by guest lecturers. The course will cover acute respiratory distress syndrome, sepsis and advanced therapeutic procedures. Students will research and present patient case studies.
Transfers to: CSU

Schedule Description

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- RESP 200 with a minimum grade of C or better

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

- A. Student will research and present patient case presentations. 2. Student will write NBRC type questions based on guest lecturers.

2. Course Objectives: Upon completion of this course, the student will be able to:

- A. Apply information given in guest lecture. 2. Analyze journal articles related to their chosen case study. 3. Categorize disease according to their pathophysiology. 4. Explain the concepts presented in case study presentations. 5. Apply hemodynamic data to case scenarios. 6. Formulate patient care plans. 7. Present an indepth one hour oral presentation on a disease and patient care. 8. Access and evaluate web sites related to respiratory diseases. 9. Debate the various approaches to patient care. 10. Produce a reflective analysis of the material presented by the guest lecturers.

B.

3. Course Content

- A. Information given in guest lectures.
B. Analysis of journal articles.
C. Categorization of diseases according to their pathophysiology.
D. Case study presentation by students.
E. Application of hemodynamic data to case scenarios.
F. Formulation of patient care plans.
G. Disease presentation by students.
H. Evaluation of web sites related to respiratory diseases.
I. Assess and analyze various approaches to patient care.
J. Analysis of the material presented by the guest lectures.
K.

4. Methods of Instruction:

Discussion:

Lecture:

Projects:

5. Methods of Evaluation: Describe the general types of evaluations for this course and provide at least two, specific examples.

Typical classroom assessment techniques

Quizzes -- Examples of questions on a quiz or midterm:1. What is the primary indication for acetylcysteine?2. What is racemic epinephrine most commonly used for?

Oral Presentation -- Examples of Oral presentation:Students present disease characteristics, symptoms, treatment, and expected outcomes.

Class Work -- Class work examples are as follows:1. A patient is receiving Oxygen by nasal cannula at 1 L/min and her SpO2 is 90%. Which of the following studies would you recommend to evaluate the severity of the patient's lung disease? 2. The patient is to be discharged. Which of the following studies would you perform to evaluate her for a home-care program?

Home Work -- Homework examples are the following:1. List 4 examples of sympathomimetics bronchodilators:2. List 2 examples of parasympatholytic bronchodilators.

Letter Grade Only

6. Assignments: State the general types of assignments for this course under the following categories and provide at least two specific examples for each section.

A. Reading Assignments

Read the following handouts:

Collecting Patient Data and equipment application and cleanliness.

B. Writing Assignments

Examples of writing assignments would be:

1. When documenting on a patient you would list the following:specify therapy administered,date,time, frequency of therapy, medication, ventilatory data, notes and interpret patient?s response to therapy. Give an example of documenting on an asthmatic patient.

2. When assessing a patient prior to treating them you would assess:effects of therapy,adverse reactions, patient?s response to therapy, auscultatory findings, cough and sputum production and characteristics, vital signs [e.g., heart rate, respiratory rate, blood pressure, body temperature, pain level], pulse oximetry, heart rhythm, and capnography.

C. Other Assignments

None.

7. Required Materials

A. EXAMPLES of typical college-level textbooks (for degree-applicable courses) or other print materials.

B. Other required materials/supplies.