



RESP 230 - Respiratory Care Topics I Course Outline

Approval Date: 12/12/2013

Effective Date: 08/11/2014

SECTION A

Unique ID Number CCC000552270

Discipline(s) Respiratory Technologies

Division Health Occupations

Subject Area Respiratory Care

Subject Code RESP

Course Number 230

Course Title Respiratory Care Topics I

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

Rationale for adding this course to the curriculum Changing prerequisite from an archived course to a current course.

Units 1

Cross List N/A

Typical Course Weeks 18

Total Instructional Hours

Contact Hours

Lecture 18.00

Lab 0.00

Activity 0.00

Work Experience 0.00

Outside of Class Hours 36.00

Total Contact Hours 18

Total Student Hours 54

Open Entry/Open Exit No

Maximum Enrollment 30

Grading Option Letter Grade Only

Distance Education Mode of Instruction Hybrid

SECTION B

General Education Information:

SECTION C

Course Description

Repeatability May be repeated 0 times

Catalog Students will receive instruction in advanced concepts in respiratory care.

Description The course will cover acute respiratory failure, chest x-ray interpretation, and specialty areas within the respiratory care profession.

**Schedule
Description**

SECTION D

Condition on Enrollment

1a. Prerequisite(s)

- RESP 185 with a minimum grade of C or better and

1b. Corequisite(s): *None*

1c. Recommended: *None*

1d. Limitation on Enrollment: *None*

SECTION E

Course Outline Information

1. Student Learning Outcomes:

A. Describe specialty areas in the profession of respiratory care.

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

A. Describe how to recognize and treat acute respiratory failure.

B. Interpret an advanced level arterial blood gas result.

C. Perform a basic chest x-ray interpretation.

D. Discuss methods and systems used to avoid medical errors in the healthcare system.

E. Describe the role of the respiratory care case manager.

F. Discuss the role of the pediatric asthma educator.

G. Discuss the importance of professionalism and civility in the workplace.

H. Describe fundamental principles of healthcare reimbursement.

I.

3. Course Content

1. Acute respiratory failure in the adult.

2. Advanced arterial blood gas interpretation.

3. Chest x-ray interpretation.

4. Patient safety and avoidance of medical errors.

5. Roles for respiratory therapists; case managers and asthma educators.

6. Professionalism in the workplace.

7. Civility in the workplace.

8. Healthcare reimbursement concepts.

4. Methods of Instruction:

Distance Education:

Lecture:

Visiting Lecturers:

Other: Guest lectures from the medical community speak to the students about their specialty.

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

Typical classroom assessment techniques

Exams/Tests --

Quizzes -- Describe the importance of early recognition and treatment for acute respiratory failure.

Papers --

Home Work --

Final Exam -- List and describe five benefits of an asthma education program.

Mid Term --

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

1. Read the article on acute respiratory failure in the current issue of Respiratory Care.

2. Review the PowerPoint presentation on the role of the respiratory therapist in asthma education.

B. Writing Assignments

1. List and describe five systems used in hospitals to avoid medical errors.

2. Explain the effects of incivility in the workplace on productivity and worker satisfaction.

7. Required Materials

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

B. Other required materials/supplies.

- Pertinent journal articles selected by instructor and guest speakers.

- 2. Handouts provided by guest speakers.