RESP-280: RESPIRATORY CARE TOPICS II

Effective Term
Fall 2026

CC Approval
12/05/2025

AS Approval
12/11/2025

BOT Approval
12/18/2025

SECTION A - Course Data Elements

Send Workflow to Initiator
No

CB04 Credit Status
Credit - Degree Applicable

Discipline

Minimum Qualifications	And/Or
Respiratory Technologies (Any Degree and Professional Experience)	

Subject Code
RESP - Respiratory Care
Course Number
280

Department
Respiratory Therapy

Division
Health Occupations (HEOC)

Full Course Title
Respiratory Care Topics II

Short Title
Respiratory Care Topics II

CB03 TOP Code
1210.00 - *Respiratory Care/Therapy

CIP Code
51.0908

CB08 Basic Skills Status
NBS - Not Basic Skills

CB09 SAM Code
C - Clearly Occupational

Rationale
Course reviewed and updated.

SECTION B - Course Description

Catalog Course 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.

SECTION C - Conditions on Enrollment

Open Entry/Open Exit
No

Repeatability
Not Repeatable

Grading Options
Letter Grade Only

Allow Audit
Yes

Requisites

Prerequisite(s)
Completion of RESP-200 with a minimum grade of C.

Requisite Justification

Requisite Description
Course Not in a Sequence

Subject
RESP
Course #
200

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
Completion of RESP-200 with a minimum grade of C.

SECTION D - Course Standards

Is this course variable unit?
No

Units
2.00

Lecture Hours
36.00

Outside of Class Hours
72

Total Contact Hours
36

Total Student Hours
108

Distance Education Approval

Is this course offered through Distance Education?
No

SECTION E - Course Content

Student Learning Outcomes

	Upon satisfactory completion of the course, students will be able to:
1.	Student will research and present patient case presentations.
2.	Student will write NBRC type questions based on guest lecturers.

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1.	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.

Course Content

1. Information given in guest lectures.
2. Analysis of journal articles.
3. Categorization of diseases according to their pathophysiology.
4. Case study presentation by students.
5. Application of hemodynamic data to case scenarios.
6. Formulation of patient care plans.
7. Disease presentation by students.
8. Evaluation of web sites related to respiratory diseases.
9. Assess and analyze various approaches to patient care.
10. Analysis of the material presented by the guest lectures.

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Visiting Lecturers	Guest speakers will present on various topics related to preparation for entering the workforce upon graduation.
Observation and Demonstration	Students will present on an assigned disease.
Discussion	Discussions related to resume preparation, interviewing and licensing.

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
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 Presentations	Examples of Oral presentation: Students present disease characteristics, symptoms, treatment, and expected outcomes.
Class Participation	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 homecare program?

Assignments

Reading Assignments

Read the following handouts: Collecting Patient Data and equipment application and cleanliness.

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.

SECTION G - Diversity, Equity and Inclusivity

How does your course and/or course outline of record reflect strategies for accommodating and engaging diverse student populations, advancing equitable outcomes, and fostering inclusion for all students?

The course outline of record reflects inclusive practices by detailing flexible instruction, diverse course materials, equitable assessments, and supportive policies that ensure accessibility and engagement for all students.

Course Codes (Admin Only)

CB00 State ID

CCC000332821

CB10 Cooperative Work Experience Status

N - Is Not Part of a Cooperative Work Experience Education Program

CB11 Course Classification Status

Y - Credit Course

CB13 Special Class Status

N - The Course is Not an Approved Special Class

CB23 Funding Agency Category

Y - Not Applicable (Funding Not Used)

CB24 Program Course Status

Program Applicable

Allow Pass/No Pass

No

Only Pass/No Pass

No