RESP-200: RESPIRATORY CARE THEORY III

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
200

Department
Respiratory Therapy

Division
Health Occupations (HEOC)

Full Course Title
Respiratory Care Theory III

Short Title
Respiratory Care Theory III

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 in selected topics in respiratory care. The course will cover advanced pulmonary function testing, cardiopulmonary rehabilitation, home care, and gerontology.

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-185 with a minimum grade of C.

Corequisite(s)
Concurrent enrollment in RESP-211, RESP-210 and RESP-250.

Requisite Justification

Requisite Description
Course Not in a Sequence

Subject
RESP
Course #
185

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
Completion of RESP-185 with a minimum grade of C.

Requisite Description
Course Not in a Sequence

Subject
RESP
Course #
210

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
1. Describe indications for mechanical ventilation.
2. Classify approaches for the initiation of mechanical ventilation.
3. Evaluate the management of patients with various disease processes.
4. Perform monitoring techniques used on patients in the ICU.
5. Differentiate modes of mechanical ventilation.
6. Compare various ventilatory strategies.

7. Describe complications of mechanical ventilation.
8. Discuss intubation avoidance strategies.

Requisite Description
Course Not in a Sequence

Subject
RESP
Course #
211

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
1. Apply ECG monitors
2. Perform pulmonary function tests
3. Analyze journal articles
4. Analyze cardiac monitoring data

Requisite Description
Course Not in a Sequence

Subject
RESP
Course #
250

Level of Scrutiny
Content Review

Upon entering this course, students should be able to:
1. Set up mechanical ventilators
2. Initiate of mechanical ventilation
3. Manage patients on ventilators with the various disease processes
4. Perform monitoring techniques in the ICU
5. Describe complications of mechanical ventilation
6. preform noninvasive ventilation
7. Evaluate the care of patients on mechanical ventilators.
8. Troubleshoot mechanical ventilators

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.	Describe advanced cardiopulmonary assessment techniques.
2.	Discuss the continuum of care for cardiopulmonary patients.

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1.	Perform and interpret pulmonary function tests.
2.	Interpret advanced cardiopulmonary assessment data.
3.	Analyze respiratory care journal articles.
4.	Evaluate sleep study results.
5.	Evaluate the primary aspects of a pulmonary rehabilitation program.
6.	Demonstrate the proper technique of applying respiratory homecare equipment.
7.	Describe the normal aging process and its relationship to cardiopulmonary physiology.

Course Content

1. Pulmonary function testing.
2. Advanced cardiopulmonary assessment.
3. Analysis of journal articles.
4. Evaluation of sleep study results.
5. Primary aspects of a pulmonary rehabilitation program.
6. Proper techniques of applying homecare equipment.
7. Normal aging process and its relationship to cardiopulmonary physiology.

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Activity	Analysis of journal articles.
Lecture	Review the procedure for performing complete pulmonary function tests.
Observation and Demonstration	Discuss the evaluation of a sleep study.
Other	Completion of all work at 77% = C.

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Exams/Tests	Final exam and midterm exam. Example: Describe the aspects of a pulmonary rehabilitation program.
Quizzes	Example: Interpret the given pulmonary function test results and state an example of a disease that might cause it.
Projects	Research Projects.

Class Participation	Assigned classwork to assess leaning.
Homework	Summary of chapters.

Assignments

Reading Assignments

Assigned readings from textbooks:

1. Read chapter 3, Pulmonary Function Study Assessments, and answer the questions at the end of the chapter.
2. Read chapter 4, Arterial Blood Gas Assessments, and answer the questions at the end of the chapter.

Writing Assignments

1. Given pulmonary function results, provide an interpretation and an assessment of whether this patient has an obstructive or restrictive disorder.
2. Given arterial blood gas data, interpret the results and provide possible causes.

SECTION F - Textbooks and Instructional Materials

Material Type

Textbook

Author

Des Jardins, Terry

Title

Clinical Manifestations and Assessment of Respiratory Disease

Edition/Version

9th

Publisher

Mosby Elsevier

Year

2024

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

CCC000552272

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