

RESP-230: NEONATAL/PEDIATRIC TOPICS IN RESPIRATORY CARE

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

Subject Code

RESP - Respiratory Care

Course Number

230

Department

Respiratory Therapy

Division

Health Occupations (HEOC)

Full Course Title

Neonatal/Pediatric Topics in Respiratory Care

Short Title

Neonatal/Pediatric Topics

CB03 TOP Code

1210.00 - *Respiratory Care/Therapy

CIP Code

51.0908

CB08 Basic Skills Status

NBS - Not Basic Skills

CB09 SAM Code

B - Advanced Occupational

Rationale

Changing the name of the course to accurately reflect the course content to meet accreditation standards.

SECTION B - Course Description**Catalog Course Description**

Students will receive instruction in advanced concepts in respiratory care in the neonatal/pediatric populations. The course will cover acute respiratory failure, chest x-ray interpretation, and specialty areas within the respiratory care profession.

SECTION C - Conditions on Enrollment

Open Entry/Open Exit

No

Repeatability

Not Repeatable

Grading Options

Letter Grade or Pass/No Pass

Allow Audit

Yes

Requisites

Prerequisite(s)

Completion of RESP-185 with a minimum grade of C.

Requisite Justification

Requisite Description

Course in a Sequence

Subject

RESP

Course

185

Level of Scrutiny

Requisite Necessary for Health/Safety

Explanation

RESP 185 is foundational to the second year of the program and must be completed prior to continuing into the second year of the program.

SECTION D - Course Standards

Is this course variable unit?

No

Units

1.00000

Lecture Hours

18.00

Outside of Class Hours

36

Total Contact Hours

18

Total Student Hours

54

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 neonatal/pediatric care and treatment topics in the profession of respiratory care.

Course Objectives

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

1. Describe how to recognize and treat acute respiratory failure.
2. Interpret an advanced level arterial blood gas result with emphasis on neonatal/pediatric patients.
3. Perform a basic chest x-ray interpretation.
4. Discuss methods and systems used to avoid medical errors in the healthcare system.
5. Describe the role of the respiratory care case manager in neonatal/pediatric hospital population.
6. Discuss the role of the pediatric asthma educator.
7. Discuss the importance of professionalism and civility in the workplace.
8. Describe fundamental principles of healthcare reimbursement.

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.

Methods of Instruction

Methods of Instruction

Types	Examples of learning activities
Other	Guest lectures from the medical community speak to the students about their specialty.

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Class Participation	Interaction with healthcare professionals in the classroom setting.
Oral Presentations	Student presentations on specific topics in neonatal/pediatric respiratory care.

Assignments

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.

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.

SECTION F - Textbooks and Instructional Materials

Material Type

Textbook

Author

Walsh

Title

Neonatal & Pediatric Respiratory Care

Edition/Version

6th

Publisher

Elsevier

Year

2022

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

CCC000552270

CB24 Program Course Status

Program Applicable

Allow Pass/No Pass

Yes

Only Pass/No Pass

No