

COURSE OUTCOME MATRIX

COURSE SYLLABUS

PART 2 of 3

Course Number and Title	RC 106 Cardiopulmonary Pathology
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Credit Hours	2
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Course Description	This course details the different disease types involved in the practice of Respiratory Therapy. The course will detail the etiology, diagnoses, and treatment of such disease states. The student will prepare to make informed decisions on patient care based on the current status of the disease state.
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Prerequisite(s) and/or Corequisite(s)	Admission to the Respiratory Care Technology program.
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Required Textbooks/References/Course Materials:

Respiratory Care: Principles and Practice - With Access	4th	Hess, Dean R. / Macintyre, Neil R.	Jones & Bartlett Publishers	1284155226
Clinical Manifestation and Assessment of Respiratory Disease: Case Study	4th	Jardens	Mosby	032301075X

General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program/Department Outcomes	
1	Graduates must be competent to perform all diagnostic and therapeutic procedures required of a Respiratory Therapist entering the profession.
2	Graduates must be able to function proficiently within inter-professional teams and communicate effectively with diverse populations. The curriculum must prepare students to work with, and care for, a variety of populations including, but not limited to, individual of various ages, abilities, and ethnicities.
3	Program graduates must exhibit adequate critical thinking skills and be competent in the application of problem-solving strategies in the patient care setting.
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	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Identify, describe and analyze obstructive pulmonary diseases.	C-Analyzing-4	1,3	1	1	1	2	0	0
2	Compare obstructive sleep apnea (OSA), central sleep apnea, and mixed apnea.	C-Analyzing-4	1,3	1	1	1	2	0	0
3	Explain, identify, and assess the pathophysiology of pulmonary diseases affecting the newborn and child.	P-Articulate-4	1,3	1	1	1	2	0	0
4	Describe, identify, and assess the injuries following trauma that may require respiratory support.	P-Articulate-4	1,3	1	1	1	2	0	0
5	Discuss the relevance of clinical history, physical examination, and pulmonary function testing in the evaluation of respiratory function in patients with suspected neuromuscular disease.	P-Articulate-4	1,3	1	1	1	2	0	0
6	Evaluate, discuss, and select the appropriate treatment and ventilator strategies for the various cardiopulmonary pathologies.	P-Articulate-4	1,3	2	2	2	2	0	0
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8									
9									
10									

Bloom's Domain Legend

C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
Reviewed: October 29, 2021