Course Number and Title	RC 101 Assessment of the Cardiopulmonary Patient

Credit Hours	3

Course Description	This course is designed to introduce the student to the basic terminology, principles, and techniques used by respiratory therapists. The student will learn basic knowledge of assessment and treatment of the cardiopulmonary impaired patient. The course will also include the basic concepts of cardiopulmonary anatomy and physiology.

Prerequisite(s) and/or Corequisite(s)	Admission to the Respiratory Care Technology program.

Required Textbooks/References/Course Materials:

Respiratory Care: Principles and Practice - With Access	4th	Hess, Dean R. / Macintyre, Neil R.	Jones & Bartlett Publishers	1284155226

	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	Describe the gross and functional anatomy of the respiratory system.	C-Analyzing-4	1,3	1	1	1	1	0	0
2	Describe the gross and functional anatomy of the heart and circulatory system.	C-Analyzing-4	1,3	1	1	1	1	0	0
3	Assess patients through interview, laboratory results, and physical exam.	P-Articulate-4	1,2,3	1	1	1	2	0	1
4	Discuss the physiology of normal blood, fluid, and electrolyte balance.	C-Analyzing-4	1,3	1	1	1	2	0	0
5	Evaluate and identify ECG terminology, theory, and abnormalities.	P-Articulate-4	1,3	1	2	2	2	1	0
6	Identify chest radiography indications and assess chest films	C-Analyzing-4	1,3	1	1	1	2	0	0
7	Describe the clinical use of pulmonary function tests.	C-Analyzing-4	1,3	1	1	1	2	0	0
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
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