

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	RC102 Respiratory Skills I
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Credit Hours	4
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Course Description	Skills required to be a Respiratory Care Professional are detailed in this course. Modalities and therapeutic procedures are covered in detail to prepare the student for entry into the clinical setting. The lab portion of this class will require the student to demonstrate adequate knowledge of the procedures covered before entering the healthcare setting.
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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
Laboratory Exercises for Competency in Respiratory Care with Access	3rd	Butler, Thomas, Close, Janice:Close, Robert	F.A. Davis	0803626797

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	1. Graduates must be competent to perform all diagnostic and therapeutic procedures required of a Respiratory Therapist entering the profession.
2	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, individuals of various ages, abilities, and ethnicities.
3	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	Assess patients through interview, laboratory results and physical exam.	P-Articulate-4	1,2,3	0	1	1	2	1	1
2	Demonstrate aseptic technique and identify and demonstrate universal precautions and techniques	P-Articulate-4	1	0	1	1	1	0	0
3	Assemble oxygen and humidity therapy equipment, apply appropriately to patients and document appropriately.	P- Articulate-4	1,3	1	1	1	2	1	0
4	Demonstrate medical gas safety and storage and use.	P-Articulate-4	1,3	0	1	1	2	1	0
5	Perform aerosol therapy and document appropriately.	P-Articulate-4	1,3	1	1	1	2	0	0
6	Perform medical gas therapy and document appropriately.	P-Articulate-4	1,3	1	1	1	2	0	0
7	Perform arterial blood gas punctures, analyzation, and pulse oximetry according to accepted practice.	P-Articulate-4	1,3	1	1	1	2	0	0
8	Demonstrate professionalism through attendance, punctuality, and class participation.	P-Articulate-4	2	0	1	1	0	0	0
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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