

## Respiratory Therapy Program 2019 - 2020

### Instructional Program Student Learning Outcomes & Assessment Plan

Students will demonstrate:

1. the psychomotor, cognitive, and affective skills necessary to assist the physician and other health care team in the diagnosis, treatment, and management of patients with cardiopulmonary diseases and disorders.
2. clinical competence and possess the technical skills necessary to provide respiratory care effectively, accurately, and efficiently in clinical and laboratory areas.
3. effective oral and written communication skills in the classroom/laboratory, clinical settings, and workplace.
4. knowledge and understanding of the respiratory care code of ethics and display a professional attitude based on the code of ethics and employer expectations.
5. knowledge and application of mechanical ventilation and therapeutics.
6. knowledge and application of cardiopulmonary diagnosis and monitoring.

Intended Outcomes	Means of Assessment	Criteria for Success	Summary & Analysis of Assessment Evidence	Use of Results
<p><b>1. Students will demonstrate the psychomotor, cognitive, and affective skills necessary to assist the physician and other health care team in the diagnosis, treatment, and management of patients with cardiopulmonary diseases and disorders.</b></p>	<p>Compile data from <u>RPT 220</u>: Demonstrate appropriate psychomotor skills and cognitive abilities necessary to successfully function as primary care giver for routine respiratory care procedures.</p> <p><u>RPT 212</u>: Demonstrate an adequate knowledge base concerning function of respiratory care equipment.</p>	<p>Earn a rating of 3 (acceptable) or higher on all indices</p> <p>The student will achieve a passing score of 75% or greater on all assignments and exams.</p>	<p><u>RPT 220</u>: 19/19 total students completed all clinical competencies and lab simulations with an acceptable rating of 3 or higher</p> <p><u>RPT 212</u>: Total number of students: Total students who scored 75% or higher: 19/19 Total students who scored 74% or lower: 0/19</p>	<p>In order to increase success in psychomotor, cognitive and affective skills, the following changes were made in the 220 and 212 assignments and curriculum moving forward:</p> <p>Due to COVID restrictions, students completed clinical course competencies and clinical lab simulations in lieu of on-site clinical hours for RPT 220</p> <p>Described and discussed examples of signage in the hospital related to infection control necessary based on</p>

				disease processes for RPT 212
<p><b>2. Students will demonstrate clinical competence and possess the technical skills necessary to provide respiratory care effectively, accurately, and efficiently in clinical and laboratory areas.</b></p>	<p>Compile data from <u>RPT 214</u>: Demonstrate an adequate understanding of the clinical pharmacology of respiratory care drugs, and the general principles of pharmacology</p> <p>RPT 241: Demonstrate an understanding of discharge planning</p>	<p>The student will achieve a passing score of 75% or greater on all assignments and exams.</p> <p>The student will achieve a passing score of 75% or greater on all assignments and exams.</p>	<p><u>RPT 214</u>: Total number of students: Total students who scored 75% or higher: 19/19 Total students who scored 74% or lower: 0/19</p> <p>RPT 241: Total number of students: Total students who scored 75% or higher: 19/19 Total students who scored 74% or lower: 0/19</p>	<p>In order to increase success in demonstrating clinical competence and technical skills the following changes were made in the 214 and 241 assignments and curriculum moving forward.</p> <p>For RPT 214: we added coverage of additional chapters to include more non-respiratory pharmacology. For instance, the coverage of more cardiac medications</p> <p>For RPT 241 we invited a home-care therapist to lecture and emphasize the role of the therapist in the home-care community in ways of modifying techniques and procedures from hospital to home upon discharge.</p>
<p><b>3. Students will demonstrate effective oral and written communication skills in the classroom/laboratory, clinical settings, and workplace.</b></p>	<p>Data compiled from <u>RPT 211</u>: Demonstrate effective communication skills and knowledge of appropriate professional ethics and behavior.</p>	<p>The student will achieve a passing score of 75% or greater on all assignments and exams.</p>	<p><u>RPT 211</u>: Total number of students: Total students who scored 75% or higher: 19/19 Total students who scored 74% or lower: 0/19</p>	<p>In order to increase success in demonstrating clinical competence and technical skills the following changes were made in the 211 assignments and curriculum moving forward.</p>

				We used the NBRC's videos to explain the differences between CRT and RRT credentialing and how the scoring of the TMC works.
<b>4. Students will demonstrate knowledge and understanding of the respiratory care code of ethics and display a professional attitude based on the code of ethics and employer expectations.</b>	Data compiled from <u>RPT 211</u> : Demonstrate effective communication skills and knowledge of appropriate professional ethics and behavior.	The student will achieve a passing score of 75% or greater on all assignments and exams.	<u>RPT 211</u> : Total number of students: Total students who scored 75% or higher: 19/19 Total students who scored 74% or lower: 0/19 .	In order to increase success in demonstrating clinical competence and technical skills the following changes were made in the 211 assignments and curriculum moving forward.  Had ASBRT representative come in and lecture on the process of obtaining different types of state licenses. Explained the difference between a student exemption, temporary, and permanent licensure.
<b>5. Students will demonstrate knowledge and application of mechanical ventilation and therapeutics.</b>	Data compiled from <u>RPT 234</u> : Demonstrate knowledge including indications, modification, and discontinuance of mechanical ventilation.	Earn a 75% or better grade in each core class and lab	<u>RPT 234</u> : Total number of students: Total students who scored 75% or higher: 18/18 Total students who scored 74% or lower: 0/18	In order to increase success in demonstrating clinical competence and technical skills the following changes were made in the 234 assignments and curriculum moving forward.  Related arterial blood gas results from RPT 223 with the need for intubation and mechanical ventilation

<p><b>6. Students will demonstrate knowledge and application of cardiopulmonary diagnosis and monitoring.</b></p>	<p>Data compiled from <u>RPT 221</u>: Demonstrate the ability to gather appropriate information from various sources in support of diagnosis of specific cardiopulmonary disease</p> <p><u>RPT 231</u>: Use clinical and laboratory data to support diagnosis and treatment of the specific disease entities.</p>	<p>Earn a 75% or better grade in each core class and lab</p> <p>Earn a 75% or better grade in each core class and lab</p>	<p><u>RPT 221</u>: Total number of students: Total students who scored 75% or higher: 18/18 Total students who scored 74% or lower: 0/18</p> <p><u>RPT 231</u>: Total number of students: Total students who scored 75% or higher: 18/18 Total students who scored 74% or lower: 0/18</p>	<p>In order to increase success in demonstrating clinical competence and technical skills the following changes were made in the 221 and 231 assignments and curriculum moving forward.</p> <p>For RPT 221 we placed more emphasis this term on importance of correlation of data obtained, to making informed decision concerning extended treatment relative to specific pathologies.</p> <p>For RPT 231 we placed special emphasis on restrictive vs obstructive disorder, since obstructive diseases were covered in RPT 221</p>
<p><b>Plan submission date: 10/30/2020</b></p>			<p><b>Submitted by: David Trott and Jennifer Chesser</b></p>	