



Course Outcome Summary

Required Program Core Course

RTH 226 – Respiratory Care Techniques IV

Course Information

Division	Health Sciences
Contact Hours	3
Theory	30
Lab	15
Total Credits	2

Prerequisites	RTH 211 – Respiratory Care Clinical Practice III RTH 214 – Adult Critical Care Management RTH 216 – Neonatal/Pediatric Critical Care
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Co-requisite	RTH 221 – Respiratory Care Clinical Practice IV RTH 222 – Seminar
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Course Description:

This course covers a variety of advanced outpatient and inpatient diagnostic and clinical practice guideline topics as a companion course to RTH 221, including pulmonary function, exercise, and sleep-disordered breathing testing protocols, asthma and COPD management, clinical practice guidelines, organ and tissue donor management protocols, legal and ethical concerns, mass casualty emergency preparedness procedures, transport considerations, and smoking cessation counseling training. It also includes preparation for respiratory care board exams.

This course is a required core course for students pursuing an Associate of Applied Science – Respiratory Therapy.

Program Outcomes Addressed by this Course:

Upon successful completion of this course, students should be able to meet the program outcomes listed below:

- Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
- Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.

Course Outcomes:

In order to evidence success in this course, the students will be able to:

- Evaluate the indications and results for diagnostic pulmonary testing.
Applies to Program Outcome
 - Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
 - Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.
- Utilize evidence-based clinical practice guidelines to classify and/or recommend treatment for respiratory diseases.
Applies to Program Outcome
 - Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
 - Demonstrate the ability to perform the clinical and technical skills relevant to his/her role as a Registered Respiratory Therapist.



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COMMUNITY COLLEGE

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3. Debate legal and ethical concerns as related to respiratory care practice, including end of life and organ donation topics.
Applies to Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
4. Identify appropriate techniques to aid in the treatment of nicotine addiction.
Applies to Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.
5. Describe the roles and responsibilities of respiratory therapists in critical situations including (but not limited to) inter/intra-hospital transport, mass casualty disasters, and pandemics.
Applies to Program Outcome
 - A. Demonstrate the ability to gather, comprehend, evaluate, apply, and problem solve using empirical information relevant to his/her role as a competent Registered Respiratory Therapist.

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By: H. Stripling, K. Ford, A. Prush