



Course Information

Division	Health Sciences
Contact Hours	3
Theory	45
Total Credits	3

Prerequisites Admission into the Respiratory Therapy program.

Co-requisites RTH 100 – Respiratory Care Techniques I
RTH 102A – Pharmacology for Respiratory Therapists I
BIO 258 – Anatomy & Physiology II

Course Description

This course is an introduction to basic physical and laboratory assessments of cardiopulmonary patients. Topics include basic pulmonary function, medical lab values, microbiology, blood gas physiology and analysis, chest imaging, bronchoscopy, electrocardiograms, and bedside cardiopulmonary patient assessment.

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:

- 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.

Course Outcomes

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

1. Interpret the results of common pulmonary function, hematology, blood chemistry, and microbiology diagnostic procedures, studies, and values as they relate to a patient's clinical assessment.
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.
2. Recognize normal and abnormal diagnostic thoracic imaging and electrocardiogram results and relate to cardiopulmonary pathophysiology.
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.
3. Cite the uses of bronchoscopy and describe the respiratory therapist's role in this procedure.
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. Interpret normal and abnormal blood gas values in relation to a patient's ventilation, oxygenation, and acid-base status and relate to patient's clinical presentation.



MONROE COUNTY
COMMUNITY COLLEGE

Course Outcome Summary

Required Program Core Course

RTH 104 – Cardiopulmonary Assessment

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. List and evaluate the major components of a respiratory physical assessment.

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.

Date Updated: 5/2019
By: IA; AP; RL