

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: RT1112- Respiratory Diseases

**II. COURSE DESCRIPTION: 2 credit hours
2 credit hours of lecture and 0 credit hours of lab per week.**

This hybrid course is designed to provide the student with basic knowledge in the etiology, diagnosis, pathophysiology and treatment of pulmonary related diseases and disorders. Students will utilize an online case study learning tool to apply the concepts. Hybrid Class Code: Student meets in a traditional classroom or lab setting for part of the class, but also must participate regularly in online sessions using a course management system (Canvas).

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Pre-requisite: Admission to the Respiratory Therapy program.

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

The Respiratory Therapy Program of Seward County Community College provides an educational forum responsive to the needs of the health care community with emphasis to maximize professional potential and foster the development of competent and compassionate respiratory care practitioners.

IV. TEXTBOOK AND MATERIALS:

1. Kacmarek, R. M., Stoller, J. K., Heuer, A. J. (2020). Egan's Fundamentals of Respiratory Care. (12th ed.). St. Louis: Elsevier.
2. Des Jardins, T. and Burton G. (2019). Clinical Manifestations and Assessment of Respiratory Care. (8th Ed.). St. Louis: Elsevier.
3. Sills, James. (2021). Case Studies & Clinical Simulations for Respiratory Care. (2nd ed). St. Louis; Elsevier.

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

- I: Read with comprehension, be critical of what they read, and apply knowledge gained to real life
- II: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.
- V: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

VI. COURSE OUTCOMES:

1. Differentiate between obstructive, restrictive, infectious, neuromuscular, acute lung injury, and interstitial lung disease.
2. Describe the pathophysiologic patterns associated with different pulmonary diseases.
3. Discuss the etiology, diagnosis, and treatment of various diseases and syndromes.
4. List and discuss the physiological cause of clinical manifestations activated by the pulmonary disease process.
5. Define terminology used when discussing pulmonary diseases.

VII. COURSE OUTLINE:

1. Orientation
2. Obstructive Diseases
3. Bronchiectasis
4. Infectious Pulmonary Diseases
5. Interstitial Lung Disease
6. Pulmonary Vascular Disease
7. Neurologic Disorders and Sleep Apnea
8. Kyphoscoliosis
9. Neoplastic Lung Disease
10. Pulmonary Function Testing
11. Acute Respiratory Distress Syndrome
12. Important Tests and Procedures
13. Therapist Driven Protocol program and Role of RT
14. Final Exam

VIII. INSTRUCTIONAL METHODS:

1. Textbooks
2. PowerPoints
3. Canvas
4. Uploaded Documents
5. Assignments

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

1. Textbooks
2. Internet
3. Uploaded documents
4. Journals

X. METHODS OF ASSESSMENT:

SCCC Outcome #1, #2 and #5 will be assessed and measured by class participation, satisfactory test scores, and written assignments/discussions indicating comprehension of material read.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.

Syllabus Reviewed: 3/26/2021