

RSPC A279: PHYSICIAN SERIES 1

Item	Value
Curriculum Committee Approval Date	02/09/2022
Top Code	121000 - Respiratory Care/Therapy
Units	.5 Total Units
Hours	9 Total Hours (Lecture Hours 9)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

Course Description

Physician presentations on current topics in pulmonary medicine emphasizing patient assessment and treatment. Discussion with physicians about individual clinical problems. COREQUISITE: RSPC A276. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Describe principles and concepts of applied clinical-related topics.

Course Objectives

- 1. Describe the main concepts presented in the lecture material.
- 2. Explain physiological principles involved with patient aspects of the lecture.
- 3. Describe methods of diagnosis as applied to the topic.
- 4. Explain the main course of treatment followed.
- 5. Describe the assessment techniques utilized.
- 6. Apply topic material to the clinical setting in the assessment of patients.
- 7. Apply topic material to the clinical setting to the treatment of patients.

Lecture Content

Chest x-ray Interpretation Ventilator Management Loops Scalars Ventilator Management COVID-19 ARDS ECMO Advances in Diagnostic Bronchoscopy Basic and Advanced Airway Equipment Drugs used in the care of the Critical Care Patient Recent Updates in Pediatric Pulmonology Cystic Fibrosis and Bronchiectasis Other select topics per current trends and applications

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)

Instructional Techniques

Image and video enhanced physician lectures covering core concepts, pathologies, procedures and therapies and current topics in Respiratory Care; questions asked and answered by students. Class Discussions

encouraging students to pose questions to physicians and answer those posed by the MD to the audience.

Reading Assignments

Students will read on average 1 hour per week from materials assigned by physician and course instructor.

Writing Assignments

Students will spend approximately 1 hour per week working on written homework assignments based off weekly physician lecture.

Out-of-class Assignments

Students will spend 1-2 hours per week of clinical coursework applying concepts attained.

Demonstration of Critical Thinking

Written assignments Participation in discussions

Required Writing, Problem Solving, Skills Demonstration

Writing assignments Clinical application of concepts attained

Eligible Disciplines

Respiratory technician: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.