

RESP 2110 - Pulmonary Disease (version 201003L)

Course Title Course Development Learning Support

Pulmonary Disease Standard No

Course Description

Provides students with information concerning assessment of etiology, pathophysiology, treatment, and prognosis of common cardiopulmonary, cardiovascular, and pulmonary diseases and conditions. Topics include: infectious diseases and conditions, respiratory diseases and conditions, neuromuscular diseases and conditions, cardiovascular diseases and conditions, sleep apnea, patient assessment, laboratory tests, chest radiographs, and trauma.

Pre-requisites

Pre-requisites: All Required

Program Admission
RESP 1110 - Pharmacology (201003L)
RESP 1193 - Cardiopulmonary Anatomy and Physiology (201003L)

Regstr. Co-requisites

Regstr. Co-requisites: All Required

RESP 1110 - Pharmacology (201003L)
RESP 1120 - Introduction to Respiratory Therapy (201003L)
RESP 1193 - Cardiopulmonary Anatomy and Physiology (201003L)

True Co-requisites

True Co-requisites: None

Course Length

	Lecture Contact Time	Regular Lab Type	Reg. Lab Contact Time	Other Lab Type	Oth. Lab Contact Time	Total Contact Hrs	
Contact Hours Per Week	2 hrs	Lab	2 hrs	N/A	0 hrs	4 hrs	
Contact Min/Hrs Per Semester	1500 min		1500 min		0 min	60 hrs	
Lecture Credit Hours		Lab Credit Hours		Total Credit hours		WLU	
Semester Credit Hours	2		1		3		105

Competencies & Outcomes

Order Description

1 Infectious Diseases and Conditions

Order	Description	Learning Domain	Level of Learning
1	Discuss etiology, pathophysiology, treatment, and prognosis of cardiac diseases and conditions.	Cognitive	Comprehension

2 Respiratory Diseases and Conditions

Order	Description	Learning Domain	Level of Learning
1	Discuss etiology, pathophysiology, treatment, and prognosis of respiratory diseases and conditions.	Cognitive	Comprehension

3 Neuromuscular Diseases and Conditions

Order	Description	Learning Domain	Level of Learning
1	Discuss etiology, pathophysiology, treatment, and prognosis of neuromuscular diseases and conditions.	Cognitive	Comprehension

4 Cardiovascular Diseases and Conditions

Order	Description	Learning Domain	Level of Learning
1	Discuss etiology, pathophysiology, treatment, and prognosis of cardiovascular diseases and conditions.	Cognitive	Comprehension

5 Sleep Apnea

Order	Description	Learning Domain	Level of Learning
1	Discuss etiology, pathophysiology, treatment, sleep study results and prognosis of sleep apnea.	Cognitive	Comprehension

6 Patient Assessment

Order	Description	Learning Domain	Level of Learning
1	Discuss patient assessment techniques including inspection, palpation, percussion, and auscultation.	Cognitive	Comprehension
2	Relate patient assessment techniques to cardiac, respiratory, neuromuscular, and cardiovascular diseases	Cognitive	Analysis

7 Laboratory Tests

Order	Description	Learning Domain	Level of Learning
1	Discuss normal value test indications.	Cognitive	Comprehension
2	Relate test values to cardiac, respiratory, neuromuscular, and cardiovascular diseases.	Cognitive	Analysis

8 Chest Radiographs

Order	Description	Learning Domain	Level of Learning
1	Discuss basic techniques of assessing chest radiographs.	Cognitive	Comprehension

2	Relate chest radiograph assessments to cardiac, respiratory, neuromuscular, and cardiovascular diseases.	Cognitive	Analysis
3	Explain chest radiograph indications.	Cognitive	Comprehension
4	Relate indications to cardiac, respiratory, neuromuscular, and cardiovascular diseases.	Cognitive	Analysis

9 Trauma

Order	Description	Learning Domain	Level of Learning
1	Explain trauma and evaluation indications.	Cognitive	Comprehension
2	Relate indications to traumatic conditions.	Cognitive	Analysis
3	Interpret trauma and evaluations.	Cognitive	Comprehension
4	Relate evaluations to traumatic conditions.	Cognitive	Analysis