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

Order	Description
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