

# RESP 2150 - Pulmonary Function Testing ( version 201003L )

## Course Title                      Course Development      Learning Support

Pulmonary Function Testing      Standard                      No

## Course Description

Provides knowledge regarding normal and abnormal pulmonary functions. Emphasizes performance, interpretation, and evaluation of various pulmonary function studies. Topics include: pulmonary function testing, pulmonary function interpretation, pulmonary function evaluation, blood gas analysis, and polysomnography

## Pre-requisites

Pre-requisites: All Required

RESP 1193 - Cardiopulmonary Anatomy and Physiology ( 201003L )
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## Regstr. Co-requisites

Regstr. Co-requisites: None

## 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	0 hrs	Lab	2 hrs	N/A	0 hrs	2 hrs
Contact Min/Hrs Per Semester	0 min		1500 min		0 min	30 hrs
	Lecture Credit Hours	Lab Credit Hours	Total Credit hours	WLU		
Semester Credit Hours	0	1	1	37.5		

## Competencies & Outcomes

### Order Description

#### 1 Pulmonary Function Testing

Order	Description	Learning Domain	Level of Learning
1	Discuss pulmonary function testing principles.	Cognitive	Comprehension
2	Identify the standard pulmonary function testing equipment.	Cognitive	Knowledge
3	Perform standard pulmonary function studies.	Psychomotor	Guided Response

#### 2 Pulmonary Function Interpretation

Order	Description	Learning Domain	Level of Learning
1	Interpret standard pulmonary function studies.	Cognitive	Comprehension

#### 3 Pulmonary Function Evaluation

Order	Description	Learning Domain	Level of Learning
1	Evaluate standard pulmonary function studies.	Cognitive	Evaluation

#### 4 **Blood Gas Analysis**

Order	Description	Learning Domain	Level of Learning
1	Discuss blood gas analysis principles.	Cognitive	Comprehension
2	Identify the standard blood gas analysis equipment.	Cognitive	Knowledge
3	Perform standard blood gas analysis.	Psychomotor	Guided Response

#### 5 **Polysomnography**

Order	Description	Learning Domain	Level of Learning
1	Discuss and identify.	Cognitive	Comprehension