# 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 )

## 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 |