RESP 2160 - Neonatal Pediatric Respiratory Care (version 201003L)

Course Title	Course Development	Learning Support
Neonatal Pediatric Respiratory Care	Standard	No

Course Description

Provides concepts on the processes of growth and development related to respiratory care from the fetus to the adolescent. Relates physiologic function to respiratory care assessment. Topics include: fetal growth and development, neonatal growth and development, fetal assessment, neonatal assessment, neonatal respiratory care, neonatal pathology, pediatric pathology, pediatric respiratory care, adolescent assessment, and adolescent respiratory care.

Pre-requisites

Pre-requisites: All Required

RESP 1120 - Introduction to Respiratory Therapy (201003L)
RESP 1130 - Respiratory Therapy Lab I (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	**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 **Fetal Growth and Development**

Order	Description	Learning Domain	Level of Learning
1	Explain anatomical structure and physiological functions associated with fetal growth and development.	Cognitive	Comprehension

2 **Neonatal Growth and Development**

Order	Description	Learning Domain	Level of Learning
1	Explain anatomical structure and physiological functions associated with neonatal growth and development.	Cognitive	Comprehension

3 **Fetal Assessment**

Order	Description	Learning Domain	Level of Learning
1	Explain the fetal assessment process.	Cognitive	Comprehension
2	Interpret fetal assessment results.	Cognitive	Comprehension

4 **Neonatal Assessment**

Order	Description	Learning Domain	Level of Learning
1	Explain the neonatal assessment process.	Cognitive	Comprehension
2	Interpret neonatal assessment results.	Cognitive	Comprehension

5 **Neonatal Respiratory Care**

Order	Description	Learning Domain	Level of Learning
1	Discuss neonatal respiratory management.	Cognitive	Comprehension
2	Discuss and perform neonatal advanced airway management and mechanical ventilation.	Cognitive	Comprehension

6 **Neonatal Pathology**

Order	Description	Learning Domain	Level of Learning
1	Discuss anatomical structure and physiological functions associated with neonatal pathology.	Cognitive	Comprehension

7 **Pediatric Pathology**

Order	Description	Learning Domain	Level of Learning
1	Discuss anatomical structure and physiological functions associated with pediatric pathology.	Cognitive	Comprehension

8 **Pediatric Respiratory Care**

Order	Description	Learning Domain	Level of Learning
1	Discuss pediatric respiratory management.	Cognitive	Comprehension
2	Discuss and perform pediatric advanced airway management and mechanical ventilation.	Cognitive	Comprehension

9 **Adolescent Assessment**

Order	Description	Learning Domain	Level of Learning
1	Explain the adolescent assessment process.	Cognitive	Comprehension

2	Interpret adolescent assessment results.	Cognitive	Comprehension
3	Interpret adolescent evaluation results.	Cognitive	Comprehension

10 **Adolescent Respiratory Care**

Order	Description	Learning Domain	Level of Learning
1	Explain standard adolescent respiratory care procedures, indications, contraindications, and hazards.	Cognitive	Comprehension