RESP 1130 - Respiratory Therapy Lab I (version 201003L)

Course Title	Course Development	Learning Support
Respiratory Therapy Lab I	Standard	No

Course Description

Provides students with the opportunity to gain hands-on experience with basic respiratory therapy equipment and simulated practice of basic respiratory care modalities. Topics include: patient assessment, medical gas therapy, humidity and aerosol therapy, hyperinflation therapy, airway clearance techniques, infection control procedures, and medical ethics.

Pre-requisites

Pre-requisites Prerequisites are Program Admission, BIOL 2114, BIOL 2114L and completion of either MATH 1101 or MATH 1111.

Program Admission
BIOL 2114 - Anatomy and Physiology II (201003L)
BIOL 2114L - Anatomy and Physiology Lab II (201003L)
MATH 1101 - Mathematical Modeling (201003L)
MATH 1111 - College Algebra (201003L)

Regstr. Co-requisites

Regstr. Co-requisites: All Required

RESP 1120 - Introduction to Respiratory Therapy (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	**0 hrs**	**Lab**	**8 hrs**	**N/A**	**0 hrs**	**8 hrs**
Contact Min/Hrs Per Semester	**0 min**		**6000 min**		**0 min**	**120 hrs**

	Lecture Credit Hours	Lab Credit Hours	Total Credit hours	WLU
Semester Credit Hours	**0**	**4**	**4**	**150**

Competencies & Outcomes

Order	Description

1 **Patient Assessment**

Order	Description	Learning Domain	Level of Learning
1	Assess patient respiratory and cardiac status.	Cognitive	Application

2 **Medical Gas Therapy**

Order	Description	Learning Domain	Level of Learning
1	Administer medical gases.	Psychomotor	Mechanism

2	Monitor the patient and gases.	Cognitive	Knowledge
3	Record pertinent information.	Cognitive	Knowledge

3 **Humidity and Aerosol Therapy**

Order	Description	Learning Domain	Level of Learning
1	Administer humidity/aerosol therapy.	Psychomotor	Mechanism
2	Monitor the patient.	Cognitive	Knowledge
3	Record pertinent information.	Cognitive	Knowledge

4 **Hyperinflation Therapy**

Order	Description	Learning Domain	Level of Learning
1	Administer hyperinflation therapy.	Psychomotor	Mechanism
2	Monitor the patient.	Cognitive	Knowledge
3	Record pertinent information.	Cognitive	Knowledge

5 **Airway Clearance Techniques**

Order	Description	Learning Domain	Level of Learning
1	Perform airway clearance techniques.	Psychomotor	Guided Response
2	Monitor the patient.	Cognitive	Knowledge
3	Record pertinent information.	Cognitive	Knowledge

6 **Infection Control Procedures**

Order	Description	Learning Domain	Level of Learning
1	Practice principles of infection control procedures.	Cognitive	Knowledge
2	Practice techniques of infection control procedures.	Psychomotor	Mechanism

7 **Medical Ethics**

Order	Description	Learning Domain	Level of Learning
1	Practice principles of medical ethics.	Affective	Characterization