RESP 2090 - Clinical Practice I (version 201003L)

Course Title	Course Development	Learning Support
Clinical Practice I	Standard	No

Course Description

Introduces students to clinical practice in basic respiratory care procedures. Topics include: introduction to clinical affiliate, medical gas therapy, oxygen therapy, aerosol therapy, incentive spirometry, inspiratory and expiratory PIP/PEP devices, patient assessment, and basic life support (BLS).

Pre-requisites

Pre-requisites: All Required

Program Admission

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**	**N/A**	**0 hrs**	**Clinical**	**6 hrs**	**6 hrs**
Contact Min/Hrs Per Semester	**0 min**		**0 min**		**4500 min**	**90 hrs**

	Lecture Credit Hours	Lab Credit Hours	Total Credit hours	WLU
Semester Credit Hours	**0**	**2**	**2**	**90**

Competencies & Outcomes

Order	Description

1 **Introduction to Clinical Affiliate**

Order	Description	Learning Domain	Level of Learning
1	Orientation to Clinical Facility and Overview.	Cognitive	Knowledge
2	Describe the organizational structure of the clinical affiliate.	Cognitive	Knowledge
3	Discuss the function of the major clinical affiliate departments.	Cognitive	Comprehension

2 **Medical Gas Therapy**

Order	Description	Learning Domain	Level of Learning
1	Perform medical gas therapy.	Psychomotor	Guided Response
2	Respond to medical gas therapy indications, contraindications, and hazards.	Psychomotor	Mechanism
3	Assess Patient Response to medical gas administration.	Cognitive	Application

3 **Oxygen Therapy**

Order	Description	Learning Domain	Level of Learning
1	Perform oxygen therapy.	Psychomotor	Guided Response
2	Respond to oxygen therapy indications, contraindications, hazards, and procedure.	Psychomotor	Mechanism
3	Assess oxygenation status and patient response to oxygen administration.	Cognitive	Application

4 **Aerosol Therapy**

Order	Description	Learning Domain	Level of Learning
1	Perform aerosol therapy.	Psychomotor	Guided Response
2	Respond to aerosol therapy and device indications, contraindications, hazards, and procedure..	Psychomotor	Mechanism
3	Assess patient response to administration of aerosol therapy.	Cognitive	Application

5 **Incentive Spirometry**

Order	Description	Learning Domain	Level of Learning
1	Perform incentive spirometry.	Psychomotor	Guided Response
2	Respond to incentive spirometry indications, contraindications, hazards, and procedure.	Psychomotor	Mechanism
3	Assess patient response to incentive spirometry.	Cognitive	Application

6 **Inspiratory and Expiratory PIP/PEP Devices**

Order	Description	Learning Domain	Level of Learning
1	Perform flutter valve, thera-PEP, and other devices designed to prevent and/or treat atelectasis.	Psychomotor	Guided Response
2	Respond to device indications, contraindications, hazards, and procedure.	Psychomotor	Mechanism
3	Assess patient response to device.	Cognitive	Application

7 **Patient Assessment**

Order	Description	Learning Domain	Level of Learning
1	Use inspection, palpation, percussion, and auscultation techniques in assessing cardiac and pulmonary status of a patient.	Psychomotor	Mechanism
2	Utilize and understand a variety of noninvasive methods and devices to assess patient cardiopulmonary status.	Psychomotor	Mechanism

8 **Basic Life Support (BLS)**

Order	Description	Learning Domain	Level of Learning
1	Perform basic life support.	Psychomotor	Guided Response
2	Respond to basic life support indications, contraindications, and hazards.	Psychomotor	Mechanism
3	Assess patient response to basic life support.	Cognitive	Application