

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

<u>COURSE NUMBER:</u>	RESP 211
<u>COURSE TITLE:</u>	CLINICAL PRACTICE III
<u>SEMESTER CREDIT HOURS:</u>	5
<u>DEPARTMENT:</u>	Respiratory Care
<u>DIVISION:</u>	Health Science
<u>PREREQUISITE:</u>	Successful completion Clinical Practice I, and II, Fundamentals of Respiratory Care I, II, III, RC Pharmacology, Cardiopulmonary A&P, Topics and Procedures I and II, Respiratory Diseases, and Advance Mechanical Ventilation
<u>REVISION DATE:</u>	December 12, 2011

COURSE DESCRIPTION:

In this course students will apply skills learned in the classroom to the clinical setting. Emphasis will be placed on specialized areas of Respiratory Therapy such as neonatal and pediatric respiratory care, long-term ventilator care, home health, and sleep studies.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Provide comprehensive cardiopulmonary care in an adult critical care unit.
 - Demonstrate the ability to perform patient assessment in a critically ill patient.
 - Demonstrate an ability to evaluate a patient's airway and perform airway care.
 - Demonstrate ability to identify common ECG arrhythmias and take appropriate action.
 - Demonstrate ability to institute and monitor mechanical ventilation.
 - Demonstrate the ability to evaluate and apply hemodynamic measurements

2. Provide comprehensive cardiopulmonary care for the long-term ventilator patient.

- Provide appropriate tracheostomy care.
- Describe the role of occupational therapy, physical therapy, and speech therapy in ventilator dependent patients.
- Demonstrate understanding and apply techniques that are used in weaning ventilator dependent patients.
- Discuss the techniques that are utilized to decrease the risk of aspiration.

3. Demonstrate an understanding of the pulmonary care applied to the neonatal and pediatric patient.

- Demonstrate ability to perform patient assessment in a critically ill neonatal and pediatric patient.
- Demonstrate an ability to evaluate airway patency and perform airway care on neonatal and pediatric patients.
- Demonstrate ability to monitor neonatal and pediatric mechanical ventilators.
- Demonstrate ability to deliver respiratory care to the neonatal and pediatric patient.

4. Demonstrate an understanding of the techniques that are used to provide respiratory care in the sleep lab.

- Demonstrate an understanding of the preparation and hook-up of the sleep patient.
- Demonstrate an understanding of the stages of sleep
- Demonstrate an understanding of obstructive, central sleep apnea and other sleep related disorders.
- Demonstrate an understanding of the treatment for sleep related disorders, including CPAP/BiPAP, surgical procedures and oral appliances.

5. Demonstrate an ability to appropriately interact in the clinical setting.

- Demonstrate quality of interpersonal relations with hospital personnel and staff by responding with appropriate and professional behavior.
- Demonstrate ability to effectively interact with patients by interacting in a professional courteous manner using effective communication that is appropriate and professional.
- Demonstrate the ability to perform responsibilities in a competent manner and assumes responsibility for own behavior.
- Demonstrate ability to identify problems and devise practical solutions or modifications.