

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
RSP 223S RESPIRATORY INTERVENTIONS III
2 CREDIT HOURS

COURSE DESCRIPTION

The respiratory therapy student will gain a knowledge of the clinical and diagnostic techniques for a detailed assessment of the patient and infection control. This course will primarily focus on patient assessment and oxygen therapy. The student will gain necessary skills and knowledge of information-gathering, physical examination, and the application of oxygen therapy. Prerequisite: RSP 122S. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
4	1. Develop the knowledge to appropriately implement pulse oximetry, capnography, and understand the hemodynamic status of the patient.	2,3
3	2. Demonstrate the knowledge of the appropriate use of ultrasonography, and transcutaneous monitoring of the patient.	3
3	3. Display understanding of hemodynamic parameters and monitoring equipment.	2,3
5	4. Identify appropriate use of monitoring devices and provide knowledgeable assessment of the patient with the results obtained.	2,3

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Pulse oximetry monitoring
2. Arterial line monitoring
3. Hemodynamic monitoring
4. Chest tubes
5. Transcutaneous monitoring
6. Central line monitoring
7. Electrocardiogram monitoring and assessment
8. Capnography
9. Bronchoscopy and endoscopy