SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
RSP 121S RESPIRATORY INTERVENTIONS I
4 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: Instructor permission. Lab Fee.

COURSE GOALS
The student will:

Bloom's Level		Program Outcomes
2	1. Develop a basic understanding of National Board for Respiratory Care requirements and Commission on Accreditation for Respiratory Care accreditation.	3
3	2. Apply appropriate infection control measures.	2
5	3. Establish the foundational knowledge to competently assess and treat patients in need of respiratory therapy intervention.	2
5	4. Develop skills to assess the respiratory therapy patient and acquire data collection skills to determine the course of respiratory intervention of the patient.	2
4	5. Differentiate between all medical gases.	3
3	6. Develop clinical assessment skills including breath sounds, chest inspection, neurological assessment, echocardiograms (EKGs), etc.	3
3	7. Complete competencies and checkoffs involving oxygen delivery and infection control measures.	3
3	8. Identify and show competence in the assembly of oxygen devices.	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. Infection control precautions: donning and deposing
2. Nasal canula
3. Simple mask
4. Venturi mask
5. Non-rebreather
6. Large volume nebulizers
7. Breath sounds
8. Chest assessment
9. Electrocardiogram testing and interpretation