

SYLLABUS  
PART I  
EDISON STATE COMMUNITY COLLEGE  
RSP 122S RESPIRATORY INTERVENTIONS II  
4 CREDIT HOURS

**COURSE DESCRIPTION**

This course will focus on the implementation of respiratory therapy interventions. The course will include laboratory exercises to aid in the development of assessment and therapeutic interventions. Bronchial hygiene, medication delivery, humidity therapy, and arterial blood gas analysis will be the primary focus of both the didactic and laboratory portions of the course. Prerequisite: RSP 110S, RSP 115S, and RSP 121S. Lab Fee.

**COURSE GOALS**

The student will:

Bloom's Level		Program Outcomes
5	1. Establish the foundational knowledge to competently assess and treat patients in need of respiratory therapy intervention.	2
4	2. Develop skills to assess the respiratory therapy patient and acquire data collection skills to determine the course of respiratory intervention for the patient.	3
3	3. Complete competencies in respiratory drug delivery devices, humidity devices, mucus clearance techniques, and arterial blood gases.	3
4	4. Identify and show competence in arterial blood gas and pulmonary function testing interpretation.	2

**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. Medication nebulizers
2. Hyperinflation and percussive device
3. Metered dose inhalers and dry powdered inhalers
4. Suctioning
5. Percussion, drainage, and posturing
6. Directed cough techniques
7. Positive expiratory devices
8. Chest vest
9. Insufflation/exsufflation
10. Incentive spirometry
11. Humidity therapy
12. Arterial blood gas