

SYLLABUS  
PART I  
EDISON STATE COMMUNITY COLLEGE  
RSP 142S RESPIRATORY CLINICAL I-B  
1.5 CREDIT HOURS

**COURSE DESCRIPTION**

Students will gain clinical and diagnostic technique experience with general respiratory intervention modalities and patient assessment. Experience is provided with general medical and surgical care patient populations including adult and pediatric patients. Course goals and skills achieved will be assessed across courses RSP 141S and RSP 142S. Prerequisite: RSP 141S.

**COURSE GOALS**

The student will:

Bloom's Level		Program Outcomes
2	1. Develop interprofessional communication skills with interdisciplinary care teams.	1
3	2. Apply appropriate infection control measures in clinical settings.	2
5	3. Establish the clinical 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. Implement oxygen administration appropriate to patient condition and status.	3
3	6. Develop clinical assessment skills including breath sounds, chest inspection, neurological assessment, echocardiograms (EKGs), etc.	2, 3
3	7. Complete competencies and checkoffs involving the course-associated modalities.	2, 3
3	8. Identify and show competence in the assembly of course-associated treatment modalities.	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. Medication nebulizers
2. Hyperinflation and percussive devices
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 vests

9. Insufflation/exsufflation
10. Incentive spirometry
11. Humidity therapy
12. Arterial blood gas
13. Infection control precautions: donning and deposing
14. Nasal canula
15. Simple masks
16. Venturi masks
17. Non-rebreathers
18. Large volume nebulizers
19. Breath sounds
20. Chest assessment
21. Electrocardiogram testing and interpretation