

SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
RSP 210S NEONATAL AND PEDIATRIC RESPIRATORY CARE
2 CREDIT HOURS

COURSE DESCRIPTION

This course will focus on the pathophysiology and clinical findings of the neonatal and pediatric patient. Pathophysiology diseases, such as asthma, congenital defects, cystic fibrosis, bronchiolitis, croup, and persistent pulmonary hypertension of the newborn (PPHN) will be studied. Prerequisite: RSP 110S and either MTH 120S or MTH 125S. Lab fee.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
4	1. Determine disease process and medical management of pediatric and neonatal disorders.	2,3
4	2. Apply appropriate respiratory therapy intervention in the care of the pediatric patient	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. Fetal development
2. Assessment and monitoring of the neonate
3. Neonatal disorders
4. Respiratory therapy interventions and treatment of neonatal disorders
5. Assessment and monitoring of the pediatric patient
6. Pediatric disorders
7. Mechanical ventilation management of the neonatal and pediatric patient