

## STANDARD COURSE OUTLINE

<b>RESP 2521</b>	<b>Pediatrics for Respiratory Care</b>
<b>PREREQUISITE</b>	Admission into the Respiratory Therapy (RT) Program
<b>COURSE DESCRIPTION</b>	This course covers respiratory care as it relates to neonates, infants, and children. Emphasis is placed on neonatal diseases and management of mechanical ventilators.
<b>CREDIT HOURS</b>	1 credit hour/ may transfer to other respiratory therapy programs
<b>TARGET AUDIENCE</b>	Students admitted to the RT Program
<b>INSTRUCTIONAL MATERIALS</b>	<u>Egan's Fundamentals of Respiratory Care</u> Scanlan; 7th Edition, 1999, Mosby <u>Egan's Fundamentals of Respiratory Care Study Guide</u> Wehrman; 1 <sup>st</sup> Edition, 1999, Mosby

### COURSE OBJECTIVES

Upon successful completion of this course, the student will

1. Outline gestational age according to fetal formation.
2. Describe the significance of fetal-neonatal transition.
3. Describe the fetal circulatory pathway and explain its significance.
4. Describe fetal and neonatal circulatory and congenital cardiac disorders;
5. explain the appropriate treatment.
6. Describe neonatal respiratory disorders; explain appropriate treatment.
7. Describe the signs and symptoms of respiratory distress in neonates, infants, and children; explain the appropriate treatment.
8. Describe Reye's Syndrome, bronchiolitis, epiglottitis, and croup; explain the appropriate treatment for each.