

## RSPT 254R: Fundamentals of Respiratory Care IV

This course provides students with a fundamental background in the principles and concepts of neonatal and pediatric respiratory therapy. Specific topics that will be discussed include growth and development of the fetus, the perinatal period changes that occur at birth, respiratory and cardiovascular abnormalities, neonatal and pediatric diseases, pharmacology, and the respiratory therapy equipment used to treat such conditions. Students will obtain Pediatric Advanced Life Support (PALS) certification and Neonatal Resuscitation Program (NRP) certification. In addition, the student will be instructed on S.T.A.B.L.E. Program concepts.

The second session of this course will be an overview of Respiratory Care in Alternative Settings and Ethics, and End of Life.

The third session of this course will focus on an intensive preparation for the student to transition to obtain licensure by successfully passing the NRBC CRT and RRT boards. The Kettering review program will be utilized for student success. In addition, interviewing and resume skills will be presented.

**Credits:** 5

**Lab Hours:** 3

**Lecture Hours:** 4

**Prerequisites:**

RSPT 253R

**Program:** [Respiratory Therapy](#)