COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

RESPIRATORY CARE COURSE SYLLABUS

Course Information

Course Number: RSPT 1272

Course Title: Respiratory Care Cardiopulmonary Anatomy and Physiology

Course Description: A study of the structure and function of the cardiopulmonary system. Lab required.

Course Credit Hours: 2
Lecture Hours: 1
Lab Hours: 3

Prerequisites: Admission to the Respiratory Care Program and meet TSI college-readiness standard for Mathematics, or equivalent.

Student Learning Outcomes:

- **State Mandated Outcomes:** Upon successful completion of this course students will be able to do the following with a minimum accuracy of 75%:
  1. Explain the structure and function of the pulmonary system.
     (SCANS: F1, F2, F3, F4, F5, F7, F8, F9, F10, F11, C5, C10, C11, C12, C13, C14)
  2. Explain the structure and function of the cardiovascular system.
     (SCANS: F1, F2, F3, F4, F5, F7, F8, F9, F10, F11, C5, C10, C11, C12, C13, C14)
  3. Recognize, solve and apply systems of linear equations using matrices.
     (SCANS: F1, F2, F3, F8, C11)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at: http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guideline* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.