COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

RESPIRATORY CARE COURSE SYLLABUS

Course Information

Course Number: RSPT 1113

Course Title: Basic Respiratory Care Pharmacology

Course Description: A study of basic pharmacological principles / practices of respiratory care drugs. Emphasis on classification, routes of administration, dosages / calculations, and physiological interaction. Major Requirement: AAS – Respiratory Care.

Course Credit Hours: 1
Lecture Hours: 1

Prerequisites: RSPT 1160, RSPT 1201, RSPT 1271, RSPT 1272 (or RSPT 1307) and RSPT 1410; all with a grade of "C" or better.

Corequisites: RSPT 1361, RSPT 1411 and RSPT 2210

Student Learning Outcomes:

- **State Mandated Outcomes:** Upon successful completion of this course, students will:
  1. Explain the mode of action, clinical indications, dosages, hazards, and side effects of respiratory care drugs.
     (SCANS: F1, F3, F5, F7, F8, F10, F11, F16, C2, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C18, C19, C20)
  2. Calculate drug dosages.
     (SCANS: F1, F3, F8, F10, F11, C7, C11)
  3. Select optimal drugs used in the practice of respiratory care.
     (SCANS: F1, F4, F5,F7, F8, F10, F11, F12, F16, C5, C6, C7, C8, C10, C11, C13)

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 Guide* 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.