COLLIN COLLEGE

DIVISION OF HEALTH SCIENCES

RESPIRATORY CARE COURSE SYLLABUS

Course Information

Course Number: RSPT 1271

Course Title: Respiratory Care Microbiology

Course Description: An overview of the microbial world and the techniques to study it. Topics include the basic characteristics of bacteria, viruses, fungi, and algae. Special emphasis is placed on human disease and infection control. Lab required. Major Requirement: AAS – Respiratory Care.

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

Prerequisites: BIOL 2401 and BIOL 2402; all with a grade of "C" or better

Corequisites: RSPT 1160, RSPT 1201, RSPT 1272 and RSPT 1410

Student Learning Outcomes: Upon successful completion of this course, students will be able to:

1. Understand and explain microbiological processes.
   (SCANS: F1, F2, F4, F5, F9, F10, F11, C11, C12, C13)
2. Relate microbiological processes to human disease and infection control.
   (SCANS: F1, F2, F4, F5, F7, F8, F9, F10, F11, F12, F15, F16, C3, C5, C6, C7, C10, 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 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.