

**RESP 1100 Introduction to Respiratory Care (1-0-1)**

This course introduces students to the Respiratory Care profession and the skills needed to become a Respiratory Therapist. Topics will include the history of the Respiratory Care profession, and a discussion of the future of Respiratory Care. A description of the organization of a hospital Respiratory Care department and an overview of common modalities and specialized areas of Respiratory Care including an introduction to Therapist driven protocols and clinical practice guidelines. A discussion of job opportunities and areas for advancement within the profession. An overview of legal and ethical issues impacting health care, and particularly Respiratory Care, in today's Health Care environment. Universal precautions and OSHA blood and body fluids precautions will be presented. The functions of the NBRC, AARC, CoARC and the Georgia Medical Board will be examined and the credentialing and licensing processes outlined.

Corequisite: RESP 1111, RESP 1131, RESP 1133, RESP1134.

Prerequisite: Completion of all Learning Support requirements.

Offered: Fall Semester Sophomore Year.

**RESP 1111 Fundamentals of Respiratory Care (2-3-3)**

This course introduces the principles and practices of Non Critical Respiratory Care. The course will emphasize the use of Therapist Driven Protocols and Clinical Practice Guidelines. Basic Respiratory Care skills in modalities such as oxygen, humidity, bland aerosol, medicated aerosol, passive hyperinflation, chest physiotherapy, postural drainage, airway clearance therapies, arterial blood gases and bedside pulmonary function studies will be developed. Emphasis will be placed on setting up, using and troubleshooting equipment, and on the physical and physiologic principles of gas exchange, ventilation, acid/base balance and gas laws. To progress to RESP 2201, each student will be required to successfully complete and pass a Lab competency exam. Basic math competency is required. Students may be required to demonstrate proficiency in basic math skills for progression in the program. A passing score of "C: or better is required for progression in the program. The American Heart Association Basic Life Support course will be included in this course.

Corequisite: RESP 1100, RESP 1131, RESP 1133, RESP1134.

Prerequisites: Admission into Respiratory Care Program.

Offered: Fall Semester Sophomore Year.

**RESP 1131 Patient Assessment & Protocols (3-3-4)**

This course introduces the concepts and techniques of patient assessment through inspection, palpation, percussion, and auscultation. The student will demonstrate proficiency in patient physical examination, and taking a complete patient medical history. Principles of barrier protection for blood and body fluid exposures, and isolation precautions will be emphasized. Basic chest x-ray interpretation, basic ECG monitoring, basic laboratory values such as CBC, electrolytes, and basic microbiology are presented. Assessment of critically ill patients is introduced. Each student will be required to successfully complete a Lab competency examination.

Corequisite: RESP 1100, RESP 1111, RESP 1133, RESP 1134.

Prerequisites: Admission into the Respiratory Care Program.

Offered: Fall Semester Sophomore Year.