Respiratory Therapy (RESP)

Courses

RESP 2200 Introduction to Respiratory Care: 3 semester hours.
Introduction to the care of pulmonary patients. Focus on skills required and methods used to manage cardiopulmonary problems. Includes clinical practice of procedures and skills. COREQ: RESP 2200L. PREREQ: HO 0106 or HE/HCA 2210 and acceptance into the RESP program. F

RESP 2200L Introduction to Respiratory Care Lab: 1 semester hour.
Introduction to the care of pulmonary patients utilizing skills and methods required to manage cardiopulmonary problems. PREREQ: Acceptance into the RESP program. COREQ: RESP 2200. F

RESP 2211 Respiratory Pharmacology: 2 semester hours.
Study of therapeutic drug administration for respiratory therapists. Special emphasis on safety issues, sources of drug information, and application to respiratory care practice. PREREQ: Acceptance into the RESP program. COREQ: RESP 2200. F

RESP 2214 Introduction to Pulmonary Disease: 4 semester hours.
Integrated approach to the anatomy, physiology, and pathology of the cardiopulmonary system. Comparison of normal and abnormal function. Emphasis on cardiopulmonary functions that are frequently measured to monitor patient status. Includes clinical practice of procedures and skills. PREREQ: RESP 2200. S

RESP 2231 Patient Assessment and Infection Control: 3 semester hours.
Comprehensive approach to assessment of adult and pediatric patients in clinical settings. Special emphasis on infection control. PREREQ: RESP 2214. Su

RESP 2232 Neonatal and Pediatric Respiratory Care: 2 semester hours.
Comprehensive approach to the assessment of Neonatal and pediatric patients in acute care settings. Special emphasis on the relationships between normal neonatal and pediatric development and cardiopulmonary physiology. PREREQ: RESP 2231. F

RESP 2280 Respiratory Care in Alternative Settings: 2 semester hours.
Comprehensive approach to assessment of adult and pediatric patients in alternative settings. Special emphasis on management of cardiopulmonary complications. PREREQ: RESP 2231. F

RESP 2296 Independent Study: 1-8 semester hours.
Addresses specific learning needs of individuals for the enhancement of knowledge and skills within the program area under the guidance of an instructor. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of the instructor. D

RESP 2298 Special Topics: 1-8 semester hours.
Addresses the specific needs of industry, enabling students to upgrade technical skills that are not included in the current program curriculum. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of instructor. D

RESP 3301 Critical Care Management: 3 semester hours.
Exploration of operational characteristics of critical care, home care, transport, and neonatal ventilators. Includes clinical practice of procedures and skills. PREREQ: RESP 2200. COREQ: RESP 3301L. S

RESP 3301L Critical Care Management Lab: 1 semester hour.
Lab performance and proficiency testing with equipment, concepts and techniques related to providing advanced care and managing cardiopulmonary problems of pulmonary patients. PREREQ: RESP 2200. COREQ: RESP 3301. S

RESP 3310 Clinical Management: 2 semester hours.
Comprehensive approach to the management of adult and pediatric patients in acute care settings. Special emphasis on management of cardiopulmonary complications. PREREQ: RESP 2280. S

RESP 3320 Respiratory Practicum I: 5 semester hours.
Focus on conducting respiratory care in the general hospital setting. PREREQ: RESP 2200, RESP 2200L, and RESP 2211. S

RESP 3325 Respiratory Practicum II: 3 semester hours.
Focus on conducting respiratory care in the acute setting including the emergency room. PREREQ: RESP 2214, RESP 3301, and RESP 3320. Su

RESP 3330 Respiratory Practicum III: 5 semester hours.
Focus on conducting respiratory care in the intensive care setting. PREREQ: RESP 2231 and RESP 3325. F

RESP 3335 Respiratory Practicum IV: 5 semester hours.
Focus on conducting respiratory care in the alternative and neonatal intensive care settings. PREREQ: RESP 2232, RESP 2280, and RESP 3330. S