RESPIRATORY CARE (RSPC)

RSPC 30000   PROFESSIONAL PRACTICE IN RESPIRATORY CARE   3 Credit Hours
Course guides students in responsible professional practice and encourages personal development of the skills and key traits of the professional. The importance of continuing professional development, being reflective, ethical, accountable and culturally competent are also explored.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 30002   LEADERSHIP AND MANAGEMENT IN RESPIRATORY CARE   3 Credit Hours
Course allows students to utilize their knowledge and experience in understanding leadership as a team leader or team member in the practice of respiratory care. Management in respiratory care is explored, including hospital organization; department structure; outcomes; staffing, billing, budgeting and staff development; decision-making; and effective communication.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 30004   EDUCATIONAL INSTRUCTION IN RESPIRATORY CARE   3 Credit Hours
Course guides students in perspectives on teaching and learning, characteristics of the learner and techniques and strategies for teaching and learning. Delivery of respiratory therapy education in various settings.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 30006   SLEEP MEDICINE AND POLYSOMNOGRAPHY   3 Credit Hours
A fundamental overview of a variety of sleep and breathing disorders that affect sleep. Topics include the identification of normal sleep and sleep disorders, methods of diagnosing sleep disorders, and treatment options. Practice in comparing and evaluating the indications and contraindications for sleep studies and evaluating sleep study results in relation to types of respiratory sleep disorders.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 31095   SPECIAL TOPICS IN RESPIRATORY CARE   1-3 Credit Hours
(Repeatable for credit) Scheduled topics of interest to students and faculty.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 1-3 lecture
Grade Mode: Standard Letter

RSPC 40000   DISEASE MANAGEMENT IN RESPIRATORY CARE   3 Credit Hours
Provides an advanced understanding of the pathophysiology and management of cardiopulmonary disease and comorbidities. Provides training in critical thinking in the management of chronic disease and utilization of patient-therapist participation principles; patient communication, evaluation, development of care plans and action plans utilizing evidence-based medicine; and protocols and clinical practice guidelines.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 40002   RESEARCH DEVELOPMENT IN RESPIRATORY CARE (WIC)   3 Credit Hours
Introduces the respiratory care practitioner to research methodology and design, their application to health science research and the application of research to everyday health care.
Prerequisite: MATH 10040 or MATH 10041 or BA 24056 or BMRT 21004 or PH 30002 or PSYC 21621 or SOC 32220 and SOC 32221; and ENG 21011 or HONR 10297; and respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Writing Intensive Course

RSPC 40004   ADVANCED PRACTICE IN RESPIRATORY CARE   3 Credit Hours
Explores the traditional practice roles filled by respiratory therapists; the advanced practice roles that exist, as well as those that are emerging within the profession; and the career opportunities they represent for practitioners.
Prerequisite: Admission to professional study; and respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 40006   CONTEMPORARY ISSUES AND TRENDS IN RESPIRATORY CARE   3 Credit Hours
Analysis of contemporary issues and trends in respiratory care and their impact and influence on the profession.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 40008   CHRONIC DISEASE MANAGEMENT PRINCIPLES   3 Credit Hours
This course focuses on the application of critical thinking in the area of managing chronic disease and the impact healthcare professionals have on affecting positive patient population outcomes. Current practices, utilization of evidence-based medicine, protocols and current principles and trends in managing the impact of acute to chronic disease are discussed.
Prerequisite: Respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 40075   INFORMATION AND PATIENT CARE TECHNOLOGY FOR HEALTHCARE PROFESSIONALS   3 Credit Hours
(Cross-listed with NURS 40075) Focuses on the use of information management and information systems, technology and the human technology interface utilized in professional practice.
Prerequisite: Admission to professional study; and respiratory care major.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

RSPC 41092   PRACTICUM FOR RESPIRATORY CARE (ELR)   3 Credit Hours
An individually planned practicum that provides students the opportunity to explore real world application of program principles and practice options, or to conduct research within the realm of respiratory care under the guidance of a registered respiratory therapy practitioner. Focus is on options for practice or enhancing practice through application of program principles. Student's practicum experience requires prior faculty approval before registration.
Pre/corequisite: Admission to professional study; and RSPC 30000; RSPC 30002; RSPC 30004; RSPC 30006; RSPC 40006; RSPC 40075 or NURS 40075; NURS 46000; RSPC 40002; RSPC 40004; RSPC 40000 or RSPC 40008; and special approval.
Schedule Type: Practical Experience
Contact Hours: 3 lecture
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement