3

RELT 691 Social Ethics and Christian Responsibility

This course will explore the importance of Social ethics from biblical and theological perspective. Christian responsibility in the realm of human rights, especially concerns about the poverty, economic justice, peacemaking and race and gender relations will be explored and distinct prophetic and Christcentered approaches will be developed to engage in such essential Christian concerns.

RLGN 314 Science and Christian Belief

* External Degree only; 1

Prerequisite: A course or knowledge of physical science. A detailed examination of the harmony between science and the Bible. Designed to help the student see the complementary relationships between the Word of God and natural law.

RLGN 360 Prophetic Guidance

* External Degree only; 2

A study of one of the principal means by which God communicates with people. The work of His prophets in Old Testament times is explained. The tests and functions of a true prophet are examined. The work and life of Ellen G. White and God's influence on His remnant church through her are stressed. A paper is required.

Respiratory Care

When offered; credit hours

RESP 105 Foundations in Respiratory Care and Patient Assessment

Fall: 5

Prerequisites: Acceptance into the Respiratory Care program and placement into ENGL 101 and MATH 110/120. A study of the foundations of the respiratory care profession to include: history, entities, quality, evidence-based medicine, literature evaluation, fundamentals of HC financing and reimbursement, patient safety, communications, record keeping, infection control, ethical and legal, physical principles of RC (chemistry, physics), computer applications, introduction to cardiopulmonary anatomy and physiology, and patient assessment. Does not include therapeutic modalities other than oxygen therapy. Includes three didactic sessions, a problem-solving lab, and a skills lab each week.

RESP 165 Respiratory Care Pharmacology

Fall; 2

Prerequisites: RESP 215, RESP 291 with grades of "C" or better in each. A study of drugs relevant to respiratory care as it relates to whole body homeostasis. Emphasis is placed on assessing respiratory care drug therapy and the treatment of cardiopulmonary collapse according to current emergency treatment guidelines. Specific drug interactions and legal aspects of pharmacology are included.

RESP 200 Perinatal and Pediatric Respiratory Care

Fall; 2

Prerequisites: RESP 215, RESP 291 with grades of "C" or better in each. A study of neonatal and pediatric anatomy, physiology, and pathophysiology as compared to the adult. Included are assessment techniques, disease management, and guidelines.

RESP 215 Mechanical Ventilation

Summer; 4

Prerequisites: RESP 240, RESP 290 and RESP 301 with grades of "C" or better in each. An in-depth study of mechanical ventilation and ventilators. Ventilator classification and characteristics are surveyed. Continuation of mechanical ventilatory support, management, and related critical care monitoring. Includes class sessions and laboratory/problem solving sessions.

RESP 240 Cardiopulmonary Anatomy, Physiology and Diagnostics Spring; 4 *Prerequisite: BIOL 110, ENGL 101, HLSC 175, RESP 105 with grades of "C" or better in each.* A study of the anatomy and physiology of ventilation, respiration, circulation, and perfusion; the diagnostic assessment and analysis of alterations in whole body homeostasis, cardiac assessment, pulmonary function measurements, and sleep assessment. Includes three didactic sessions and a laboratory/problem solving session each week.

RESP 260 Pulmonary Rehabilitation and Disease Management in Alternative Care Settings

Spring; 3

Prerequisites: RESP 165, RESP 200, RESP 296, RESP 302 with grades of "C" or better in each. Assessment, education, rehabilitation, and disease management of the chronically impaired but stable pulmonary patient, including long-term oxygen therapy, other therapy modalities, artificial airways, and mechanical ventilation, in a variety of out-of-hospital care settings for all ages. Includes hospital discharge planning, evaluation and preparation/set-up of the care setting, smoking cessation, cultural diversity, asthma education content, support structures, durable medical equipment, reimbursement, palliative/end-of-life, ethical, and legal considerations. Includes one two-hour didactic class and one three-hour laboratory/ clinical practicum each week.

RESP 290 Basic Respiratory Care Practicum

Spring; 3

Prerequisites: BIOL 110, ENGL 101, HLSC 175, RESP 105 with grades of "C" or better in each. In the classroom, laboratory, and clinical settings, students master and apply the knowledge, skills, and attributes of basic respiratory care modalities and procedures to provide patient care safely, efficiently, and cost-effectively including: patient assessment, oxygen therapy, humidity and aerosol therapy, bronchial hygiene, volume expansion, and blood gas sampling and analysis.

RESP 291 Intermediate Respiratory Care Practicum

Summer; 3

Prerequisites: RESP 240, RESP 290, RESP 301 with grades of "C" or better in each. Administration of general care procedures in the intensive care setting as well as blood gas sampling and analysis. An introduction to the use of mechanical ventilators is included.

RESP 294 Topics in Respiratory Care

As needed; 1-4

Designed for students who wish a course not listed in the regular offerings. A current topic in respiratory care will be explored.

RESP 295 Independent Study in Respiratory Care

1-3

Study on an independent basis in collaboration with the instructor on an area of respiratory care.

RESP 296 Emergency and Critical Care Practicum

Fall; 3

Prerequisites: RESP 215, RESP 291 with grades of "C" or better in each. Analysis and clinical application of the knowledge, skills, and attributes required of the respiratory therapist for the complex team management of patients requiring mechanical ventilation and cardiovascular, neurological, and/or renal support to include whole body systems assessment and recommendation, advanced cardiopulmonary life support, and hemodynamic monitoring.

RESP 301 Cardiopulmonary Pathophysiology I

Spring; 2

Prerequisites: BIOL 110, ENGL 101, HLSC 175, RESP 105 with grades of "C" or better in each. Applications of theoretical knowledge of diseased states and patho-

physiological changes in the body with special emphasis on the respiratory and cardiovascular systems. Included is an introduction to the basic management of the disease process.

RESP 302 Cardiopulmonary Pathophysiology II

Fall; 2

Prerequisites: RESP 215, RESP 291, RESP 301 with grades of "C" or better in each. Clinical disease management including the assessment of homeostasis and the methods of pharmacological, hemodynamics and mechanical ventilator management of ventilatory and circulatory impairment.

RESP 395 Advanced Respiratory Care Practicum

Spring; 3

Prerequisites: RESP 165, RESP 200, RESP 296, RESP 302 with grades of "C" or better in each. Clinical exposure to advanced concepts of critical care management based on the foundation of mechanical ventilation. Opportunities for rotations through alternate sites related to respiratory care are provided, including neonatal and pediatric intensive care units.

RESP 491 Seminar in Respiratory Care

Spring; 2

Prerequisite: RESP 165, RESP 200, RESP 296, RESP 302 with grades of "C" or better in each. This seminar focuses on preparing the student majoring in Respiratory Care for postgraduate NBRC credentialing examinations. Topics include contemporary and technical issues relevant to Respiratory Care as an allied health profession. Students must achieve a minimum cut score on each of multiple course components to pass the course. Includes class sessions and Laboratory/Problem Solving Sessions.

RESP 495 Independent Study in Respiratory Care

As needed; 1-3

Study on an independent basis in collaboration with the instructor on a topic in respiratory care on the upper division level.

Sociology

When offered; credit hours

SOCI 105 General Sociology

Fall & Spring; 3

A general introduction to the basic forms of human association and interaction dealing with the social processes, institutions, culture, and personality development. This course is a prerequisite to some upper division courses in sociology.

SOCI 180 Introduction to Marriage and Family Life

As needed: 3

An introduction to marriage and family interaction. A multi-disciplinary approach considering the social, psychological, and physiological aspects of human life.

SOCI 230 Urban Social Problems

Fall; 3

A study of the adjustments and changes that are constantly needed in whole-some, creative social-cultural growth in urban societies. Major urban social problems and tensions experienced in developed and developing countries, touching problems of ethnic and minority relations. Problems related to issues of women, aging, retardation, and disability. The social pathological problems of crime and delinquency, drugs, and mental and physical illnesses including AIDS. Population and environmental issues and the means of intervention on the personal, community, and national levels, with special emphasis on the role and responsibility of the Seventh-day Adventist church.