Credit Hours: 3
This course will include an in-depth study of mechanical ventilation along with weaning procedures and the care of the critically ill patient

RESP 205 Respiratory Diseases
Prerequisite: Fundamentals of RC I and Lab, Cardiopulmonary A&P, and RC Pharmacology
Credit Hours: 3
This course provides the students with an in-depth study of diseases that affect the cardiopulmonary system. Patient evaluation, assessment, diagnosis and treatment of diseases will be addressed.

RESP 207 Critical Care Medicine
Prerequisite: Fundamentals of Respiratory Care I, II, and III, Cardiopulmonary Anatomy and Physiology, Respiratory Care Pharmacology, Clinical Practice I, and II, Pediatric Respiratory Care, Respiratory Diseases, and Topics and Procedures
Credit Hours: 3
This course will cover care of the acutely ill and critically ill patient. Emphasis is placed on application of data obtained during monitoring and assessment of patients. Therapeutic and diagnostic modalities will be addressed.

RESP 211 Clinical Practice III
Prerequisite: Successful completion Clinical Practice I, and II, Fundamentals of Respiratory Care I, II, III, RC Pharmacology, Cardiopulmonary A&P, Topics and Procedures I and II, Respiratory Diseases
Credit Hours: 5
In this course students will apply skills learned in the classroom to the clinical setting. Emphasis will be placed on specialized areas of Respiratory Therapy such as neonatal and pediatric Respiratory Therapy, long-term ventilator care, home health, and sleep studies.

RESP 212 Respiratory Care Professional Forum
Prerequisite: Fundamentals of Respiratory Care I, II, and III, Respiratory Care Pharmacology, Cardiopulmonary Anatomy and Physiology, Respiratory Care Diseases, Clinical Practice I and II, Respiratory Care Topics and Procedures.
Credit Hours: 2
The purpose for this course is to provide students with an opportunity to share significant clinical experiences, to present clinical problems and solutions, to practice communication skills, and the presentation of student in-services. The student will learn how to write an effective resume and practice job-seeking skills, including the interview process. The student will also learn how to write a Respiratory Therapy protocol. This course is concurrent with RESP 211, Clinical Practice III.

RESP 213 Respiratory Care Topics and Procedures
Prerequisite: Fundamentals of Respiratory Care I, II, III, Cardiopulmonary Anatomy and Physiology, Pharmacology, Respiratory Diseases
Credit Hours: 3
This is a course designed to prepare the student for specialized monitoring used by respiratory therapist and includes: invasive hemodynamic monitoring, intracranial pressure monitoring, bronchoscopes, thoracentesis, chest tubes, sleep studies, pulmonary rehabilitation, chest x-rays, and respiratory gas monitoring.

HEAL 151 (5819) Advanced Cardiac Life Support
Prerequisite: None
Credit Hours: 1
This course is designed to provide the participant with the skills to respond to acute cardiovascular situations in and out of the hospital setting.

Sociology

SOCI 101 (2280) Sociology
Prerequisite: None
Credit Hours: 3

*Refer to the Placement Testing Procedure 3.22, page 24  **Refer to Course Transfer, page 19
This course examines human social interactions and relationships between groups. Within the context of classical and contemporary sociology, the course provides an overview of the study of society, the individual in society, social inequality, social institutions, social change, and social issues.

**SOCI 112 (2282) Introduction to Social Work**
Prerequisite: None
Credit Hours: 3
A survey of the human services fields, this course examines social welfare agencies and services, as well as career opportunities in social work.

**SOCI 122 Basic Helping Skills**
Prerequisite: Co-requisite: SOCI 123 Basic Helping Skills Experience
Credit Hours: 3
This course combines the theories of social work practice with the learning of social work practice skills using common models and theoretical frameworks. This course presents ecological models, the strength-based, problem-solving process, dominant brief therapies, and cultural competence as approaches to practice in social work. This course presents and provides structured practice of the fundamental interpersonal skills required for effective social work practice. The course teaches interviewing skills and critical thinking about interview processes, (from intake through termination and evaluation) and focuses primarily on using those skills with individuals. The models, theories, and processes learned in this course serve as the foundation for generalist practice with individuals, families, groups, and communities. This course will give students an opportunity to practice these skills in a laboratory setting on a weekly basis. This course also includes a 48-hour volunteer experience in a social agency. (SOCI 123 Basic Helping Skills Experience)

**SOCI 123 Basic Helping Skills Experience**
Prerequisite: Co-requisite: SOCI 122 Basic Helping Skills
Credit Hours: 1
Students will be exposed to the social work clinical setting. Students will participate in 48 hours of supervised volunteer service at an approved location.

**SOCI 201 (1350) Marriage and Family**
Prerequisite: None
Credit Hours: 3
Marriage, family, and alternative lifestyles are closely examined from a sociological and theoretical perspective. Discussion will focus on how relationships and gender roles have changed, attitudes and decision-making in regard to sexuality, and changes in the marital relationship across time.

**SOCI 203 (2283) Social Problems**
Prerequisite: None
Credit Hours: 3
This course examines well-defined social problems in both theoretical and practical ways. The social problems studied will give the student a base for analyzing and understanding social problems prevalent in society today. A wide variety of topics are discussed including poverty, race and ethnic relations, gender and social inequality, crime, and sexual deviance.

**SOCI 207 (2220) Anthropology**
Prerequisite: None
Credit Hours: 3
An introductory study of diverse human cultures throughout the world, both past and present. The physical and cultural systems of various people will be examined through kinship ties, economics, religion, government, and the arts.

**SOCI 211 Criminology**
Prerequisite: SOCI 101 Introduction to Sociology
Credit Hours: 3
This is an introductory course to the study and examination of the field of criminology, including its theories, basic assumptions, and definitions. Criminology is primarily concerned with understanding the causes of crime, and as such, this course will examine crime and deviant behavior from the sociological perspective. We will examine some of the
most influential explanations for criminal behavior such as culture, law, power and equity that also contributes to the maintenance of social order. We will consider how different explanations have emerged at different times and understand how the social context contributes to explanations of crime.

**Special Interest**

**PARA 131** (1550) Beginning Sign Language  
Prerequisite: None  
Credit Hours: 3  
This course is intended to provide individual as well as group learning, discussion, practice and utilization in signing conversations with hearing impaired individuals at a beginning level. Vocabulary introduced will be modeled and practiced in sentence form with each other and by the instructor. Learning the alphabet, numbers and then categories of vocabulary will be introduced weekly along with extra vocabulary and semantic items selected from other sources other than the required text books.

**PARA 132** (1551) Intermediate Sign Language  
Prerequisite: PARA 131 Beginning Sign Language  
Credit Hours: 3  
An intermediate course in manually coded English. Emphasis is on reading and signing exact English. A basic orientation to paraprofessional interpreting in a school setting will be covered.

**Student Success Center**

**LEAR 101** (0828) College Success Skills  
Prerequisite: None  
Credit Hours: 1  
An introduction to the College, its personnel, its support systems, and its extracurricular activity opportunities for new students.

**Welding**

**INDU 155** OSHA Safety 10  
Prerequisite: None  
Credit Hours: 1  
This course will include OSHA standards assuring proper safety techniques for all types of circuits and components.

**WELD 120** Welding Cutting Processes  
None Prerequisite: None  
Credit Hours: 3  
Skills will be developed in oxyacetylene welding, cutting, and repair. Safety is emphasized. Interpret the safety rules for using Oxy-Acetylene equipment. An extensive study into the technology of systems use in today’s field of welding-manufacturing, construction, power/energy, transportation, fabrication, and piping processes. The format is lecture, demonstration, student application, and evaluation.

**WELD 130** Gas Tungsten Arc Welding Reading  
Prerequisite: None  
Credit Hours: 3  
This course is a lab course designed to give students practical work experience in Gas tungsten Arc Welding (TIG). Students will learn to properly set up and operate TIG welding equipment to weld in all positions on pipe.

**WELD 140** Shielded Metal Arc Welding

*Refer to the Placement Testing Procedure 3.22, page 24 **Refer to Course Transfer, page 19