## HEALTH SCIENCES

**HLTHS 1100**  
*Survey of Health Care Careers*  
2 Credit Hours  
An exploration of various allied health professions including diagnostic, medical information, rehabilitation, and patient care services through classroom and field experience. (2 lecture hours)

**HLTHS 1101**  
*Survey Health Care Careers: Field Study*  
2 Credit Hours  
An exploration of various allied health professions including diagnostic, medical information, rehabilitation, and patient care services through career shadowing. (2 lecture hours)

**HLTHS 1106**  
*Rehabilitation Aide*  
2 Credit Hours  
Overview of the role and necessary skills of a Physical Rehabilitation Aide. Exploration of modalities of physical rehabilitation including effects of aging, neuromuscular/neurological, musculoskeletal disorders and cardiopulmonary disease. Prerequisite: CNA, RN, LPN, Developmental Disabilities Aide, and Child Care Aide (2 lecture hours)

**HLTHS 1110**  
*Biomedical Terminology*  
3 Credit Hours  
Students will be introduced to medical terms for body systems including word roots, prefixes, suffixes and abbreviations commonly encountered in the healthcare field. Prerequisite: Course requires Reading Placement Test Score-Category One. (3 lecture hours)

**HLTHS 1115**  
*Pharmacy Technician*  
5 Credit Hours  
Overview of the role and fundamental skills necessary for a professional pharmacy technician. Exploration of pharmacy abbreviations, calculations, drug classifications, basic anatomy and physiology, disease states, drug interactions, and prescription processing is included. Prerequisite: High School diploma or GED. (5 lecture hours)

**HLTHS 1120**  
*Introduction to Clinical Lab Science*  
3 Credit Hours  
Students will be introduced to the profession of clinical/medical laboratory science and to the clinical laboratory scientist's role in the delivery of health care. Prerequisite: Health Sciences 1110 with a grade of C or better, or equivalent or consent of instructor. (2 lecture hours, 2 lab hours)

**HLTHS 1122**  
*Basic Phlebotomy Techniques*  
4 Credit Hours  
Students will be presented with an overview of venipuncture and capillary puncture techniques for obtaining blood specimens for laboratory analysis. Prerequisite: Health Sciences 1110 with a grade of C or better, or equivalent or concurrent enrollment in Health Sciences 1110 or consent of instructor (3 lecture hours, 3 lab hours)

**HLTHS 1123**  
*Phlebotomy for Health Professionals*  
2 Credit Hours  
Students will be presented with an overview of basic phlebotomy procedures with hands-on experience designed for health science students that are not seeking national certification. Prerequisite: Health Science 1110 with a grade of C or better, or equivalent or concurrent enrollment in Health Sciences 1110 or consent of instructor. (1 lecture hour, 2 lab hours)

**HLTHS 1124**  
*Phlebotomy Clinical*  
2 Credit Hours  
Integrated clinical practice in the area of venipuncture and capillary puncture for the collection of blood specimens for diagnostic analysis. This course can only be taken on a pass/fail basis. Prerequisite: Consent of instructor is required.

**HLTHS 1125**  
*Phlebotomy Exam Review*  
1 Credit Hour  
Comprehensive review and update of phlebotomy practice, to include theory and procedures, as well as preparation for the certifying exam. This course can only be taken on a satisfactory/fail basis. Prerequisite: Health Sciences 1124 with a grade of S or equivalent or concurrent enrollment in Health Sciences 1124 or consent of instructor. (1 lecture hour)

**HLTHS 1126**  
*Basic Non-Invasive Electrocardiography*  
2 Credit Hours  
Students will explore the anatomy and electrophysiology of the heart and perform basic cardiology procedures including pulse, blood pressure, and electrocardiogram (EKG). Prerequisite: Health Sciences 1110 with a grade of C or better, or equivalent or concurrent enrollment in Health Sciences 1110 or consent of instructor. (1 lecture hour, 2 lab hours)

**HLTHS 1127**  
*EKG Clinical*  
1 Credit Hour  
Integrated clinical practice in the area of electrocardiography. Students obtain patient Electrocardiograms (EKG), Holter monitor, and the Treadmill Stress Test (TMST) via non-invasive electrocardiographic procedures. Prerequisite: Health Sciences 1126.

**HLTHS 1128**  
*Adv Non-Invasive Electrocardiography*  
3 Credit Hours  
Advanced electrocardiography (EKG) includes electrophysiology of the heart and identification of waveforms. Cardiac arrhythmias, cardiac disease states and cardiac medications included. Non-invasive cardiography testing to include Holter monitor and Treadmill Stress Testing (TMST). Prerequisite: Health Sciences 1126 or consent of instructor. (2 lecture hours, 2 lab hours)

**HLTHS 1129**  
*Non-Invasive EKG Clinical*  
1 Credit Hour  
Integrated clinical practice in the area of electrocardiography to include electrocardiograms (EKG), Holter monitor testing, the Treadmill Stress Test (TMST), and telemetry via non-
invasive electrocardiographic procedures. Prerequisite: Consent of instructor is required.

HLTHS 1145
*Health Care Collaboration*
3 Credit Hours
Examines changes in health care due to an aging population, availability of resources, and related factors. Explores the impact of national initiatives and regulating bodies on standards of practice. Determines the role of the interdisciplinary health care team as it impacts patient outcomes. Prepares students to collaborate within a multidisciplinary team. (3 lecture hours)

HLTHS 1800
*Special Project*
1 to 3 Credit Hours
Special project courses in the discipline cover topics not otherwise covered by general education courses and other courses in the Catalog for the discipline. These courses require direct experience and focused reflection in an in-depth study of a specific topic and/or the critical analysis of contemporary issues in the discipline. They are targeted to self-selected students with an interest in the subject matter and involve active participation. The course delivery incorporates an experiential component of no less than 30% but not to exceed 70%. This experiential component may include field studies, interdisciplinary learning, and/or the practical application of the discipline concepts, theories, principles, and methods with a specific focus. All courses require an orientation session to deliver academic and experiential information (syllabus, academic requirements, field preparation, logistics, etc.) This course may be taken four times for credit as long as different topics are chosen.

HLTHS 1820
*Selected Topics*
1 to 3 Credit Hours
Introductory exploration and analysis of selected topics with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (1 to 3 lecture hours)

HLTHS 1821
*Selected Topics*
3 Credit Hours
Introductory exploration and analysis of selected topics with a specific theme indicated by course title listed in college class schedule. This course may be taken four times for credit as long as different topics are selected. (2 lecture hours, 2 lab hours)

HLTHS 1840
*Independent*
1 to 4 Credit Hours
Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. Prerequisite: Consent of instructor is required (1 to 4 lecture hours)

HLTHS 2235
*Pharmacology for Medical Assisting*
3 Credit Hours
Study of prescribed drugs as they relate to medical assisting. Emphasis on legislation, common medications prescribed, dosage calculation, preparation, administration and adverse reactions.

Prerequisite: Admission to program and Medical Assistant 2233 with a grade of C or better, or concurrent enrollment in Medical Assistant 2233 or consent of instructor (3 lecture hours)

HLTHS 2860
*Internship (Career & Technical Ed)*
1 to 4 Credit Hours
Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.

HLTHS 2865
*Internship Advanced (Career & Tech Ed)*
1 to 4 Credit Hours
Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. Prerequisite: Consent of instructor and 2.0 cumulative grade point average; 12 semester credits earned in a related field of study; students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.