

HEALTH SCIENCES (HLTHS)

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. (2 lecture hours)

Prerequisite: CNA, RN, LPN, Developmental Disabilities Aide, and Child Care Aide

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. (3 lecture hours)

Prerequisite: Course requires Reading Placement Category One.

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. (5 lecture hours)

Prerequisite: High School diploma or GED.

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. (2 lecture hours, 2 lab hours)

Prerequisite: HLTHS 1110 with a grade of C or better, or equivalent or consent of instructor.

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. (3 lecture hours, 3 lab hours)

Prerequisite: HLTHS 1110 with a grade of C or better, or equivalent or concurrent enrollment in HLTHS 1110 or consent of instructor

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. (1 lecture hour, 2 lab hours)

Prerequisite: HLTHS 1110 with a grade of C or better, or equivalent or concurrent enrollment in HLTHS 1110 or consent of instructor.

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. (8 clinical hours)

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. (1 lecture hour)

Prerequisite: HLTHS 1124 with a grade of S or equivalent or concurrent enrollment in HLTHS 1124 or consent of instructor.

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). (1 lecture hour, 2 lab hours)

Prerequisite: HLTHS 1110 with a grade of C or better, or equivalent or concurrent enrollment in HLTHS 1110 or consent of instructor.

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. (4 clinical hours)

Prerequisite: HLTHS 1126 or equivalent.

HLTHS 1128

Advanced Non-Invasive Electrocardiography (ekg)

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 cardiology testing to include Holter monitor and Treadmill Stress Testing (TMST). (2 lecture hours, 2 lab hours)

Prerequisite: HLTHS 1126 or equivalent or consent of instructor.

HLTHS 1129

Non-Invasive Electrocardiography 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. (4 lab hours)

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

1-3 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. (1 to 6 lab hours)

HLTHS 1820

Selected Topics

1-3 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

1-4 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. (1 to 4 lecture hours)

Prerequisite: Consent of instructor is required

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. (3 lecture hours)

Prerequisite: Admission to program and MASST 2233 with a grade of C or better, or concurrent enrollment in MASST 2233 or consent of instructor

HLTHS 2860

Internship (Career & Technical Ed)

1-4 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. (5 to 20 lab hours)

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 (HLTHS-REQ1)

Internship Advanced (Career & Tech Ed)

1-4 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. (5 to 20 lab hours)

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.