

# HEALTH SCIENCE

## HEALTH SCIENCE (HLSC)

DIVISION: Health Sciences

### HLSC 101 INTRODUCTION TO HEALTH SCIENCES

#### 3 unit

Introductory course for students interested in pursuing a health-related career but are still exploring and have not yet decided on a specific career. Information on career preparation and development, survey of the health professions, culture for health professionals, requirements for education, job and market demands in selected health careers, health promotion, goals, history, and development. Total of 54 hours lecture.

**Grade Mode:** Letter Grade

### HLSC 110 PHLEBOTOMY TECHNICIAN

#### 4 unit

**Enrollment Limitation:** 18 years of age or older; Completion of High School diploma or GED/high school equivalency

Preparation to become a Phlebotomy Technician, including blood collection methods, universal precautions, infection prevention, proper patient identification, labeling of specimens, quality assurance, specimen handling, processing and accessioning, point-of-care testing (POCT), and waived laboratory procedures. Upon successful completion of this course, passing the certification exam, and completing the mandatory hands-on externship hours, students will qualify to apply to the State of California for a license as a Certified Phlebotomy Technician 1 (CPT1). Pass/no pass grading. Total of 54 hours lecture and 54 hours laboratory.

**Grade Mode:** Pass/No-Pass

### HLSC 112 EKG TECHNICIAN

#### 4 unit

**Enrollment Limitation:** Prospective students must be at least 18 years of age or older, have evidence of high school diploma or equivalent

Preparation to become an EKG technician, including cardiac monitoring, administering cardiac tests, analyzing rhythms, and processing tests. Practice in the use of the EKG machine and perform hands-on labs. Successful completion of this course will qualify the student for the national EKG certification examination and work as an entry-level EKG technician. Pass/No Pass grading. Total of 54 hours lecture and 54 hours laboratory.

**Grade Mode:** Pass/No-Pass

### HLSC 113 HUMAN DISEASE

#### 3 unit

Examination of common medical conditions, diseases, and the disease process. Emphasis will be placed on documentation of symptoms, patient assessment, case management, including diagnostic tests and treatment. Total of 54 hours.

**Grade Mode:** Letter Grade

### HLSC 115 MEDICAL TERMINOLOGY

#### 3 unit

Medical terminology with the prime objective of understanding the language of medicine, analyzing medical terms by dividing the terms into component parts (root words, prefix, suffix, and combining form) to obtain a definition. Total of 54 hours lecture.

**Grade Mode:** Letter Grade

### HLSC 200 PHARMACOLOGY FOR HEALTH PROFESSIONS

#### 4 unit

**Prerequisite(s):** One of the following: PYSO 001, PYSO 100, CHEM 002B, or CHEM 008B

Study of the major concepts, properties, effects, and therapeutic value of the pharmacological agents in the major drug categories used to treat or prevent human disease. Exploration of therapeutic categories, indications, side effects, mechanisms of action, trade and generic names, and the impact these agents have on human physiology. Designed to support students pursuing careers in the health professions. Total of 72 hours lecture.

**Grade Mode:** Letter Grade