

AHS-ALLIED HEALTH SCIENCE (AHS)

AHS 115. Dietary Guidelines & Meal Planning 4 Credits (4)

A combination of the science of nutrition and the current Dietary Guidelines for Americans with practical application to meal planning and preparation. Strategies and techniques used to plan and prepare healthful and appetizing meals are explored. Evidenced-based dietary guidelines are provided to meet the needs of individuals and groups with chronic diseases. Menu development, modification and analysis are reviewed. Restricted to Community Colleges campuses only.

AHS 120. Medical Terminology 3 Credits (3)

The study and understanding of medical terminology as it relates to diseases, their causes and effects, and the terminology used in various medical specialties. Emphasis will be placed on learning the basic construction of medical words, appropriate spelling, use of medical terms, and use of medical abbreviations. Same as HIT 150.

Learning Outcomes

1. By the conclusion of this course, the student should be able to identify and translate common medical prefixes.
2. By the conclusion of this course, the student should be able to identify and translate common medical and surgical suffixes.
3. By the conclusion of this course, the student should be able to identify and translate common medical root words.
4. By the conclusion of this course, the student should be able to construct and deconstruct medical terms.

AHS 140. Essentials of Anatomy and Physiology 4 Credits (3+3P)

Essentials of anatomy and physiology for those considering a career in health as well as those interested in understanding their own body and the basics of health.

AHS 153. Introduction to Anatomy and Physiology I 4 Credits (3+3P)

Survey of human anatomy and physiology.

Prerequisite: high school biology or high school chemistry, or CHEM 1120G, or consent of instructor.

AHS 155. Special Topics 1-6 Credits

Topics to be announced in the Schedule of Classes. May be repeated for a maximum of 6 credits.

AHS 190. Clinical Skills & Concepts for Medical Assisting I 6 Credits (3+6P)

A core course designed to provide an introduction to the theory, concepts, and skills needed for entry-level medical assisting positions. Content includes basic theory and concepts designed to support safe and effective practice as a medical assistant in ambulatory care settings. Includes a skills laboratory for hands-on practice and 96 hours of supervised clinical in the work environment. Restricted to Community Colleges campuses

Learning Outcomes

1. Apply theoretical knowledge associated with medical assisting in providing basic healthcare services.
2. Perform essential clinical skills within the medical assistant scope of practice in ambulatory clinic settings.

3. Recognize factors that affect procedures and results, and take appropriate actions with predetermined limits when indicated, including patient compromise or complications.
4. Demonstrate professional conduct and interpersonal communication skills with patients, other health care professionals, and with the public.
5. Recognize the responsibilities of other health care personnel and interact with them with respect for their jobs and patient care.
6. Apply basic scientific principles in learning new techniques and procedures.
7. Relate vital sign and laboratory findings to common disease processes.

AHS 202. Legal and Ethical Issues in Health Care 3 Credits (3)

This course provides an overview of the legal and ethical considerations guiding the relationships and actions of healthcare professionals, researchers, and policymakers. By reviewing real case studies, learners will explore the legal and ethical implications of their actions for their employers, patients, and families.

Learning Outcomes

1. Apply health care ethical principles to medical case studies.
2. Outline the legal system in the United States and its importance to health care professionals.
3. Describe basic legal terms and doctrines related to medical provider/patient relationships.
4. Describe workplace laws and ethics.
5. Discuss the public duties of health care professionals, professional liability, and medical malpractice.
6. Discuss issues associated with patient confidentiality and record keeping in the electronic age.
7. Discuss bioethical issues associated with health care, such as human reproduction, genetic manipulation, euthanasia, and withholding and/or withdrawing life-sustaining treatment.

AHS 250. Spanish for Health Professionals 3 Credits (3)

Spanish for Health Professionals is a 3 credit course geared toward individuals working or majoring in health related areas. The course focus is on conversation and vocabulary needed for the workplace and task based practical skills. Restricted to: Community Colleges only.

AHS 280. Medical Office Administration & Management 4 Credits (2+4P)

A core course designed to provide the theory, concepts, and skills needed in preparation for entry-level medical assisting positions. Content includes theory and concepts related to medical office administration. The course includes skills, hands-on practice, and 40 hours of supervised clinical in the work environment in ambulatory care settings. Restricted to Community Colleges campuses only.

AHS 290. Clinical Skills & Concepts for Medical Assisting II 6 Credits (3+6P)

A core course designed to provide the theory, concepts, and skills needed in preparation for entry-level medical assisting positions. Content includes theory and concepts related to specialty areas of healthcare practice, as well as consideration for conditions affecting persons throughout the life span. The course includes a skills laboratory for hands-on practice and 96 hours of supervised clinical in the work environment with specialized populations and procedures in both

ambulatory and acute care settings. Restricted to Community Colleges campuses

Learning Outcomes

1. Apply theoretical knowledge associated with medical assisting in providing basic healthcare services.
2. Perform essential clinical skills within the medical assistant scope of practice in ambulatory clinic settings where specialized care is given, as well as, acute care settings.
3. Recognize factors that affect procedures and results, and take appropriate actions within predetermined limits when indicated, including patient compromise or complications.
4. Demonstrate professional conduct and interpersonal communication skills with patients, other health care professionals, and with the public.
5. Recognize the responsibilities of other health care personnel and interact with them with respect for their jobs and patient care.
6. Apply basic scientific principles in learning new techniques and procedures.
7. Relate vital sign and laboratory findings to common disease processes.