

# AHMS - Allied Health: Medical Support

## **AHMS 100 Math Applications Health: 3 Credits (3 Lec)**

Prepares health science students for the mathematics required in their profession. Topics investigated include: measurement systems, whole number review, decimals, fractions, ratios, proportions, percentages, conversions.

## **AHMS 108 Health Data Content and Structure: 3 Credits (3 Lec)**

PREREQUISITE: AHMS 210. This course provides orientation to the health information department and its organizational interrelationship in healthcare facilities and the interchange of healthcare information. This course examines the collection, review and security of health

## **AHMS 144 Medical Terminology: 3 Credits (3 Lec)**

Basic elements, rules of building and analyzing medical words, and medical terms associated with the body as a whole. In addition to medical terms, common abbreviations applicable to each body system will be interpreted.

## **AHMS 156 Medical Billing Fundamentals: 3 Credits (3 Lec)**

PREREQUISITE: AHMS 210. The most common commercial, managed care and federal health insurance plans in the US will be covered. Billing processes and procedures as well as legal, regulatory, and ethical issues in health insurance will also be covered

## **AHMS 158 Legal and Regulatory Aspects of Healthcare: 2 Credits (2 Lec)**

This course covers legal relationships of physicians and patients, contractual agreements, professional liability, malpractice, medical practice acts, informed consent, and bioethical issues. Emphasis is placed on legal terms, professional attitudes, and the principles and basic concepts of ethics and laws involved in providing medical services. This course also identifies patient behaviors and stressors related to illness, cultural influences, death, and dying.

## **AHMS 160 Beginning Procedural Coding: 4 Credits (4 Lec)**

This course covers basic and intermediate levels of theory and application of CPT and HCPCS principles and guidelines for coding procedures. Students perform procedural coding using health records, case studies, and scenarios. The course uses applicable coding books and an overview of electronic encoder programs.

## **AHMS 162 Beginning Diagnostic Coding: 4 Credits (4 Lec)**

This course covers basic and intermediate levels of theory and application of ICD principles and guidelines for coding procedures. Students perform diagnostic coding using health records, case studies, and scenarios. The course uses applicable coding books and an overview of electronic encoder programs.

## **AHMS 191 Special Topics: 1-4 Credits ()**

## **AHMS 210 Basic Medical Coding: 4 Credits (4 Lec)**

This course covers basic and intermediate levels of theory and application of CPT, HCPCS, ICD-10-CM, and ICD-10-PCS principles and guidelines for coding medical procedures and diagnoses.

## **AHMS 220 Medical Office Procedures: 3 Credits (3 Lec)**

Electronic patient information system to include appointment scheduling, gathering patient data, posting charges/payments/adjustments, submitting claims, claims management, understanding the various third-party payers (Medicaid, Medicare, Blue Cross, Work Comp, etc.) medical coding (ICD10, CPT, RVS, DRG), manual bookkeeping procedures, and medical records management.

## **AHMS 250 Advanced Medical Coding: 4 Credits (4 Lec)**

PREREQUISITE: AHMS 160, AHMS 162

Through realistic patient cases the student will be able to assign service and diagnostic codes to a variety of complex medical visits, diagnostic testing, and interpretation, treatments, surgeries, and anesthesia as well as properly audit these cases.

Department of Work Force Programs.

## **AHMS 291 Special Topics: 1-4 Credits ()**

## **AHMS 295 Allied Health Externship Prep Seminar: 1 Credits (1 Lec)**

(E, Sp, Su) This course is a prerequisite for Allied Health externship courses. Emphasis will be placed on professionalism, CPR(BLS) training, and student submission of clinical required documents. Upon successful completion of this course, students may register for the externship course.

## **AHMS 298 Professional Practice Experience - Coding: 1 Credits (1 Lec)**

PREREQUISITE: AHMS 160, AHMS 162, AHMS 144, AH 140, BIOH 112

COREQUISITE: BIOH 113, AHMS 250, AHMS 156, AHMS 108, AHMS 158. This course provides students with authentic coding practices in a hospital, physician's office, clinic or other healthcare setting with directed projects common to a clinical coding specialist on the job