

HEALTH INFORMATION TECHNOLOGY (HEIT)

HEIT 1103, Medical Terminology (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

This course will introduce students entering the health field to basic medical and clinical terminology. Vocabulary, spelling, pronunciation, and word analysis for common medical terms that are relevant to anatomy and physiology, medicine, disease, and clinical specialties will be emphasized.

HEIT 1313, ICD-10 Coding I (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Introduces the theory, structure, and organization of the International Classification of Diseases-10-Clinical Modification (ICD-10-CM) coding system. Emphasis will be on the application of the coding principles and interpreting coding guidelines to accurately assign ICD-10-CM codes to health records. The role of ICD-10-CM codes in billing and reimbursement will be included.

Prerequisite(s): (BIOL 2213* or 2500) and (HEIT 1103 or HESC 1000).

* May be taken concurrently.

HEIT 1323, CPT Coding (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Introduces students to the theory, structure, and organization of the Current Procedural Terminology (CPT) coding system. Emphasis will be on applying the coding principles to accurately assign CPT codes to health records. The role of CPT codes in billing and reimbursement will be included.

Prerequisite(s): (BIOL 2213* or 2250) and (HEIT 1313* or 1030) and (HEIT 1743* or 2030).

* May be taken concurrently.

HEIT 1713, Introduction to Health Informatics (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Concepts of computer technology related to healthcare and tools and techniques for collecting, storing, and retrieving healthcare data. A fee for learning materials is required for this course

HEIT 1723, Healthcare Law, Ethics, & Comp (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

A study of U.S. legal structure and legal theories as they apply to healthcare and healthcare information management. This course requires a fee for a study guide (certification exam preparation) and a fee for course materials.

HEIT 1733, Healthcare Reimbursement (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

This course covers reimbursement methodologies used in all healthcare settings as they relate to national billing, compliance, and reporting requirements. Topics include prospective payment systems, billing process and procedures, charge master maintenance, regulatory guidelines, reimbursement monitoring, and compliance strategies and reporting. Upon completion, students should be able to perform data quality reviews to validate code assignments and comply with reimbursement and reporting requirements. A fee for learning materials is required for this course.

HEIT 1743, Pathophysiology and Pharmacology (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Study of the disease processes affecting the human body. Includes the study of causes, diagnosis, and treatment of disease and an understanding of the basic principles of pharmacology. The course prepares the coding student to understand pathophysiology and pharmacology as they interpret health record data for medical coding.

Prerequisite(s): (BIOL 2213* or 2500) and (HEIT 1103 or HESC 1000).

* May be taken concurrently.

HEIT 2313, ICD-10 Coding II (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Explores the more complex areas of ICD-10 with the addition of PCS procedure coding. Students will apply coding principles and guidelines related to complex diagnoses and procedures.

Prerequisite(s): (BIOL 2223* or 2510) and (HEIT 1313 or 1030) and (HEIT 1743 or 2030).

* May be taken concurrently.

HEIT 2323, Advanced Coding (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Continues CPT coding with emphasis on impact to healthcare, data collection, and reimbursement. Advanced revenue cycle functions will be explored including use of the encoder, DRG assignments, physician queries, and evaluation of revenue cycle functions.

Prerequisite(s): (BIOL 2223* or 2510) and (HEIT 1323 or 1230).

* May be taken concurrently.

HEIT 2393, Medical Coding Externship (3 Credit Hours)

1 lecture hours per week, 6 lab hours per week, 7 contact hours per week

Promotes career awareness through professional development exercises and a curriculum-related professional practice experience in an administrative healthcare environment. Students will integrate classroom theory with monitored and supervised experience, up to 40 hours, virtual option available. This course also explores preparatory modules and examinations for the Certified Coding Specialist (CCS) exam given by the American Health Information Management Association (AHIMA). The cost of the exam is included in the course fees.

Prerequisite(s): (HEIT 2753* or 2050) and (HEIT 2313* or 1100) and (HEIT 2323* or 1240).

* May be taken concurrently.

HEIT 2753, Health Data Content and Structure (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

Provides an overview of the functions, contents, and structure of the health record, data access and retention, forms, and screen design, indexes and registers, data storage and retrieval systems, quantitative and qualitative analysis, numbering and filing systems, and healthcare data sets. This course requires a certification exam fee.

Prerequisite(s): HEIT 1723 or 1020.

HEIT 2763, Health Informatics & Revenue Cycle Management (3 Credit Hours)

3 lecture hours per week, 0 lab hours per week, 3 contact hours per week

This course presents advanced topics in health information and revenue cycle management and explores current issues impacting healthcare organizations.

Prerequisite(s): HEIT 2753* or 2050.

* May be taken concurrently.

HEIT 2772, HEIT Seminar (2 Credit Hours)

2 lecture hours per week, 0 lab hours per week, 2 contact hours per week

This course is designed to promote career awareness through professional development exercises and preparatory examinations. This course also explores preparatory modules and examinations for the Registered Health Information Technician (RHIT) exam given by the American Health Information Management Association (AHIMA). This course requires an exam fee.

Prerequisite(s): (HEIT 2393 or 2999) and HEIT 2763 *.

* May be taken concurrently.

HEIT 2792, HEIT Externship II (2 Credit Hours)

1 lecture hours per week, 5 lab hours per week, 6 contact hours per week

This course is designed to promote career awareness through professional development exercises and a curriculum related professional practice experience in an administrative healthcare environment. Students will integrate classroom theory with monitored and supervised experience up to 80 hours, virtual option available.

Prerequisite(s): (HEIT 2393 or 2999) and HEIT 2763 *.

* May be taken concurrently.

HEIT 2793, Healthcare Access Proc & Exter (3 Credit Hours)

1 lecture hours per week, 6 lab hours per week, 7 contact hours per week

Explores front-end, middle, and back-end patient access procedures with a simulated EHR. Instruction will be provided to cover resource management, insurance, scheduling, pre-registration, patient check-in, patient registration, claims processing, posting payments, customer satisfaction, master patient index processes, bed management, and Certified Healthcare Access Associate (CHAA) preparatory modules. Students will integrate classroom theory with monitored and supervised work experience. Includes up to 80 hours professional practice experience in an externship, virtual option available.

Prerequisite(s): (HEIT 1713 or 1010) and (HEIT 1723 or 1020) and (HEIT 1733 * or 1250) and (HEIT 2753 * or 2050).

* May be taken concurrently.