

HEALTH INFORMATION TECHNOLOGY (HITE)

HITE 2100 - Health Record Content and Structure (3 Credits)

The basic concepts and techniques for managing and maintaining health record systems including storage and retrieval, the use and structure of healthcare data and data sets, quantitative and qualitative analysis of healthcare data, forms design, release of information, function of indexes and registers and the accreditation, certification and licensure standards applicable to healthcare data. Offered: Fall.

Prerequisites: ENGL 1101 and BIOL 2411K and BIOL 2412K

Lecture hours: 3

HITE 2110 - Organization and Supervision in Health Information Management (2 Credits)

Introduction to the principles of organization and supervision in order to develop effective skills in leadership, motivation, and team building techniques in the practice of health information management. Offered: Summer.

Prerequisites: HITE 2100

Lecture hours: 2

HITE 2137 - Fundamentals of Health Information Management (3 Credits)

This course introduces students to the field of Health Information Management (HIM) and its role within healthcare delivery systems. It emphasizes the HIM profession, hospital and medical staff organization, medical record structure and content, quantitative and qualitative analysis, release of patient information, legal aspects of medical records, ethical issues in HIM, healthcare statistics, indexes and registries, electronic medical records, payment and reimbursement systems, regulatory and accrediting agencies, and other profession-related topics. Offered: Fall.

Corequisites: HITE 2100, HITE 2400

Lecture hours: 3

HITE 2150 - Coding I (4 Credits)

Students will be introduced to the principles of ICD-10-CM coding used in the assignment of inpatient and outpatient diagnosis codes and ICD-10-PCS inpatient procedure codes. Offered: Spring.

Lecture hours: 3

Lab hours: 2

HITE 2160 - Coding II (2 Credits)

Students will be introduced to the principles of Current Procedural Terminology (CPT) coding, a critical system used for assigning standardized codes to medical procedures and services. Offered: Summer.

Prerequisites: HITE 2150

Lecture hours: 1

Lab hours: 2

HITE 2170 - Advanced Coding and Reimbursement (4 Credits)

This course builds on the foundational knowledge and skills acquired in HITE 2150 and HITE 2160, enhancing students' competence through the use of clinical case studies. It emphasizes the impact of reimbursement, ethical coding practices, the use of encoders and groupers, and healthcare billing and payment topics. Offered: Fall.

Prerequisites: HITE 2150 and HITE 2160

Lecture hours: 3

Lab hours: 2

HITE 2200 - Healthcare Statistics (2 Credits)

Study of the methods/formulas used in computing and preparing statistical reports for healthcare services and vital records. Emphasis is placed on the effective use, collection, arrangement, presentation, and verification of healthcare data, and on the concepts of descriptive statistics, data validity, and reliability. Offered: Summer.

Prerequisites: MATH 1111 and HITE 2100 and (BUSA 2101 or MIST 2010) and HITE 2137

Lecture hours: 2

HITE 2250 - Legal & Ethical Issues in Health Information Technology (3 Credits)

Introduction to the legal and ethical issues regarding health information management with strong emphasis on legal and regulatory requirements; disclosure of PHI (protected health information) and ethical standards of practice. Offered: Spring.

Prerequisites: HITE 2100 and HITE 2400

Lecture hours: 2

Lab hours: 2

HITE 2400 - Pathophysiology and Pharmacology (3 Credits)

This course includes the management of health information as it relates to the nature and cause of the disease process of the human body; including the etiology, signs, symptoms, diagnostic evaluation, clinical treatment and pharmacologic management of disease processes to understand and abstract health information data for application of medical diagnostic and procedural codes and management of patient health information. Offered: Fall.

Prerequisites: BIOL 2412K

Corequisites: HITE 2100

Lecture hours: 3

HITE 2500 - Health Information System Applications (3 Credits)

Students will learn the concept of medical information management through an information system composed of people, hardware, software, communication networks, and data resources that collect, transform, and disseminate health information to healthcare users. The process of planning, designing, selecting, implementing, integrating, testing, evaluating, and supporting EHRs (electronic health records) is also introduced. Offered: Fall.

Prerequisites: HITE 2100 and HITE 2137 and (BUSA 2101 or MIST 2010)

Lecture hours: 2

Lab hours: 2

HITE 2550 - Quality Assessment (3 Credits)

Introduction to the components of quality assessment and improvement programs in health care facilities including quality assessment, utilization management, risk management, and peer review organizations. Students will learn to analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of health care. Offered: Spring.

Prerequisites: HITE 2200 and BUSA 2101

Lecture hours: 2

Lab hours: 2

HITE 2600 - Professional Practice I (2 Credits)

Professional practice experience using online simulation and activities that provide opportunities to apply and develop the skills learned throughout the course curriculum that are vital in the management of health information. Offered: Fall, Spring, Summer.

Prerequisites: HITE 2100 and HITE 2110 and HITE 2137 and HITE 2150 and HITE 2160 and HITE 2170 and HITE 2250 and HITE 2500

Lab hours: 4

HITE 2610 - Professional Practice II (2 Credits)

This course is a continuation of HITE 2600, providing additional professional practice experience as the student applies skills learned throughout the course curriculum. Students will have the opportunity to experience the workflow of the acute care setting from beginning to end. Offered: Fall, Spring, Summer.

Prerequisites: HITE 2100 and HITE 2110 and HITE 2137 and HITE 2150 and HITE 2160 and HITE 2170 and HITE 2250

Corequisites: HITE 2600, HITE 2650

Lab hours: 4

HITE 2650 - Seminar on Health Information Technology (1 Credit)

Exploration of current issues and trends in the health information profession and industry with emphasis on review for the RHIT exam. Offered: Fall, Spring, Summer.

Prerequisites: HITE 2100 and HITE 2110 and HITE 2137 and HITE 2150 and HITE 2160 and HITE 2170 and HITE 2250 and HITE 2400 and HITE 2500 and HITE 2550 and HITE 2600

Corequisites: HITE 2600, HITE 2610

Lecture hours: 1