

HIT Health Information Technology

HIT 196 Current Procedural Terminology (CPT) Coding (2-2) 3 crs.

Examines and interprets health record documentation, conventions and guidelines for the Health Care Procedure Coding System (HCPSC). HCPSC Level I (Current Procedural Terminology (CPT) and Level II (National Codes) are utilized to represent procedures provided in the ambulatory care setting and services rendered by providers across all healthcare settings. Emphasis is on the six sections of the CPT Coding Manual. Basic and intermediate coding scenarios are analyzed and interpreted in compliance with official guidelines and ethical coding practices. Reimbursement considerations are explored.

Prerequisite: BIO 135 or (BIO 160 and BIO 161), BIO 136, HSC 112 and HSC 165 with grades of C or better.

HIT 197 International Classification of Diseases (ICD) Coding (2-2) 3 crs.

Examines and interprets health record documentation, conventions and guidelines for the current International Classification of Diseases (ICD) in use in the United States. ICD codes capture information related to diagnoses documented in all healthcare settings and procedures provided in the inpatient setting. ICD codes are utilized for statistical purposes, quality reporting, and reimbursement. Basic and intermediate coding scenarios are analyzed and interpreted in compliance with official guidelines and ethical coding practices. Reimbursement considerations are explored.

Prerequisite: BIO 135 or (BIO 160 and BIO 161), BIO 136, HSC 112 and HSC 165 with grades of C or better.

HIT 199 Health Care Reimbursement (3-0) 3 crs.

Explores the complex processes involved in reimbursement of healthcare services. Examines voluntary healthcare insurance plans, government-sponsored healthcare programs, managed care plans, and prospective payment systems. Outlines the characteristics of value-based purchasing and pay-for-performance systems. Emphasizes the importance of revenue cycle management on the financial viability of healthcare organizations. (formerly HIT 215)

Prerequisite: Prior or concurrent enrollment in HIT 196 and HIT 197 with grades of C or better.

HIT 200 Introduction to Health Information Systems (3-0) 3 crs.

Examines health record content in administrative and clinical information systems for students pursuing the HIT AAS. Documentation requirements of various providers and disciplines to support organizational, regulatory and accreditation standards are evaluated. Primary and secondary uses of health data are explored. Data governance and data management practices that ensure the accuracy and integrity of health data are analyzed.

Prerequisite: BIO 135 or (BIO 160 and BIO 161), BIO 136, CAS 160, ENG 101 and ENG 102 or (ENG 103 or SPE 101), HSC 112, HSC 165, HIT 196, HIT 197, HIT 199, MTH 065 or (MTH 080 or MTH 101 or MTH 103 or higher) with grades of C or better.

HIT 220 Health Care Information Management (3-0) 3 crs.

Examines information management strategic planning methods and tools in healthcare for students pursuing the HIT AAS or the CIS AAS with Healthcare Specialization. The role of analytics and decision support for strategic and operational planning is explored. Regulatory requirements surrounding accreditation, licensure and certification are examined. Organizational staffing and productivity metrics as well as training and development methodologies are investigated. Information governance initiatives are illustrated and project management methods are outlined.

Prerequisite: HIT 200 with a grade of C or better.

HIT 225 Electronic Health Records (3-1) 3 crs.

Explores the data structure, collection and standards of Electronic Health Records (EHRs) with in-depth analysis of administrative and clinical components. Provides hands-on practice with EHR and Practice Management (PM) software. Traces the flow of information through the revenue cycle and applies report generation tools to aid in decision support. Analyzes the technological challenges associated with interoperability and health information exchange. Examines privacy, security, confidentiality and legal issues.

Prerequisite: Prior or concurrent enrollment in HIT 200 with a grade of C or better.

HIT 230 Health Care Information Analysis (3-0) 3 crs.

Utilizes primary and secondary data sources in the application and interpretation of healthcare statistical formulas. Reviews basic research principles and contrasts descriptive, predictive and prescriptive data analytics. Explores measures of healthcare quality and the reporting of facility-wide outcomes for quality management. Utilizes process improvement tools and techniques. Examines continuous monitoring and improvement functions to enhance customer safety and satisfaction, refine the continuum of care, decrease risk exposure and manage the environment of care.

Prerequisite: Prior or concurrent enrollment in HIT 200 with a grade of C or better.

HIT 235 Advanced Medical Coding (2-2) 3 crs.

Examines complex areas of International Classification of Disease (ICD) and Current Procedural Coding (CPT) utilizing patient records from a wide variety of healthcare settings. Extensive use of encoder software and electronic coding references. Explores coding quality and compliance, regulatory issues and revenue cycles considerations.

Prerequisite: Prior or concurrent enrollment in HIT 200 with a grade of C or better.

HIT 240 Health Information Technology Externship (1-10) 3 crs.

Provides a Professional Practice Experience (PPE) in the healthcare marketplace to allow an opportunity for the student to apply health information technology knowledge and skills. Includes on-campus meetings throughout the semester to discuss and process the externship experience, to develop workforce readiness, and to prepare and practice for the Registered Health Information Technician (RHIT) exam. NOTE: All required HIT coursework for the AAS degree must be completed or enrolled in prior to registering for an externship.

Prerequisite: Prior or concurrent enrollment in HIT 220 and HIT 235 with grades of C or better.

Corequisite: HIT 299.

HIT 250 Law for Health Information (3-0) 3 crs.

Examines the legal and ethical issues involved in protecting the privacy, confidentiality and security of health information. Explores the maintenance, content, documentation and disposition of the legal health record. Analyzes the HIPAA Privacy Rule with regard to individual rights and penalties for non-compliance. Identifies the purpose and scope of the HIPAA Security Rule and outlines penalties for non-compliance. Applies legal requirements to the proper release of information and the mandatory disclosure to public health authorities. Explores issues of risk management, corporate compliance and workplace law.

Prerequisite: Prior or concurrent enrollment in HIT 200 with a grade of C or better.

HIT 299 Health Information Technology Capstone (1-2) 2 crs.

Integrates all coursework in the HIT AAS degree program and guides the development of a capstone project. Surveys emerging topics and trends in the industry. Explores supervisory and leadership roles, methods and tools. Deepens cultural awareness and examines the extent to which policies and procedures support diversity in healthcare delivery systems and in the workplace.

Prerequisite: Prior or concurrent enrollment in HIT 220 and HIT 235 with grades of C or better.

Corequisite: HIT 240.