

Health Information Tech (HIT)

Courses

HIT 1199 Experimental Course: 1-6 semester hours.

The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

HIT 2102 Applications of Health Information: 3 semester hours.

Introduction to the roles and responsibilities of the health information field. Application of health record content, documentation, and data integrity policies and strategies utilizing electronic health record applications. Accreditation and licensing standards. PREREQ: Minimum score of 14 on ALEKS or equivalent. F, S

HIT 2104 Informatics Technology I: 3 semester hours.

Introduction to information systems and their importance in the healthcare industry. Emphasis on information technology, information system characteristics and use. The study of processes supported in health informatics and information. PREREQ: Minimum score of 14 on ALEKS or equivalent. F, S

HIT 2115 Introduction to Reimbursement and Revenue Cycle: 3 semester hours.

Introduction to healthcare reimbursement and revenue cycle management processes. Emphasis on types of health insurance, reimbursement methodologies and payment systems. Overview of revenue cycle process. Utilizes online applications for reimbursement and revenue cycle management. Instructor Permission Required. PREREQ: HIT 2102. F, S

HIT 2205 ICD 10 CM Coding: 3 semester hours.

Principles and application of diagnosis coding for statistical and reimbursement purposes utilizing International Classification of Disease-Clinically Modified. PREREQ: HO 1106, and HO 1111 or BIOL 3301 and BIOL 3302 or BIOL 2227 and BIOL 2228. F, S

HIT 2206 ICD 10 PCS Coding: 3 semester hours.

Principles and application of procedural coding for statistical and reimbursement purposes utilizing International Classification of Disease Procedure Classification System. PREREQ: HO 1106 and HO 1111 or BIOL 3301 and BIOL 3302 or BIOL 2227 and BIOL 2228. F, S

HIT 2209 CPT Coding: 3 semester hours.

Principles and application of coding for statistical and reimbursement purposes utilizing Physicians' Current Procedural Terminology in conjunction with documentation standards. PREREQ: HO 1106 and HO 1111 or BIOL 3301 and BIOL 3302 or BIOL 2227 and BIOL 2228. F, S

HIT 2221 Quality Improvement: 3 semester hours.

The assessment, monitoring, evaluation and improvement of the framework used to systematically improve health care. Instructor Permission Required. PREREQ: HIT 2102, HIT 2115, HIT 2104, F, S

HIT 2223 Healthcare Statistics and Data Management Analytics: 3 semester hours.

Practical application of data management and analytics technologies in healthcare. Participants will learn to calculate statistics, create graphical representations of data, and apply research methodologies. Emphasis is placed on using data analytics to improve patient care, optimize processes, and drive better health outcomes. Instructor Permission Required. PREREQ: MATH 1123 or MATH 1153 or TGE 1140, HIT 2115. F, S

HIT 2225 Advanced Coding: 3 semester hours.

Practical application of ICD, CPT, and prospective payment groupers utilizing relevant software and electronic patient records to perform competency-based simulations. Validation of assigned coding nomenclatures according to official guidelines. Evaluate compliance with regulatory requirements and reimbursement methodologies. Instructor Permission Required. PREREQ: HIT 2205, HIT 2206, and HIT 2209. F, S

HIT 2230 Informatics Technology II: 3 semester hours.

Practical application of data analysis and decision support in health informatics, focusing on key areas such as database concepts, project management, and system analysis. Emphasis on utilizing health information standards and technologies to enhance care delivery and the role of health IT in improving patient care and adapting to healthcare reforms. Instructor Permission Required. PREREQ: HIT 2102, HIT 2104. F, S

HIT 2240 Medical Coding Practicum: 4 semester hours.

Capstone course providing hands-on experience with clinical classification systems, case mix analysis, and coding concepts using industry-standard coding software. Conducted in a virtual environment that simulates remote work, involving coding real medical records and case studies. Emphasis is placed on accuracy, reimbursement methodologies, and practical coding skills to prepare for national certification exam and entry-level coding careers. PREREQ: HO 1106, HO 1107, HO 2208, HO 2209, HO 1111, HIT 2102, HIT 2202, HIT 2205, HIT 2206, HIT 2209, HIT 2115. PRE-OR-COREQ: HIT 2225. F, S

HIT 2250 Management for Health Information Professionals: 3 semester hours.

Theory, practice and skills in managing health information assets and personnel. Includes management related soft-skills, and the health information credentialing process. Instructor Permission Required. COREQ: HIT 2252, HIT 2225 PREREQ: HIT 2205, HIT 2206, HIT 2207 F, S

HIT 2252 Experiential Learning: 3 semester hours.

Directed clinical practice under the mentorship of a practicing health information professional. May include in-person, virtual, or hybrid projects. Instructor Permission Required. COREQ: HIT 2250, HIT 2225, and HIT 2230 PREREQ: HIT 2102, 2104, 2115 HIT 2205, 2206, 2209 HIT 2221 F, S

HIT 2296 Independent Study: 1-8 semester hours.

Addresses specific learning needs of individuals for the enhancement of knowledge and skills within the program area under the guidance of an instructor. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of the instructor. D

HIT 2298 Special Topics: 1-8 semester hours.

Addresses the specific needs of industry, enabling students to upgrade technical skills that are not included in the current program curriculum. May be repeated. Graded S/U, or may be letter-graded. PREREQ: Permission of instructor. D

HIT 2299 Experimental Course: 1-6 semester hours.

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