

HEALTH INFORMATION TECHNOLOGY (HIT)

Health Information Technology (HIT) 101

Foundations of HIT

Course examines sources of health information and their relationship with health agencies. Course discusses the healthcare delivery system in the United States, professional and trade associations related to healthcare, ethical obligations, cultural competence, and diversity in healthcare related to age, race, sexual orientation, education, work experience, geographic location, and disability. Content includes study of origin and purpose, content, order, analysis and use of medical records, methods of compiling, numbering, retrieving, and retention of health information. It introduces students to the electronic health information systems and electronic health record environment including standards, applications, and capabilities of the EHR. Writing assignments, as appropriate to the discipline, are part of the course.

Acceptance into Health Information Technology (HIT) Program. Eligibility for English 101 or consent of Department Chairperson.

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

HD Course

Health Information Technology (HIT) 102

Medical Billing

Course provides instructions in health records and insurance processing procedures, application of third party and managed care policies, procedures, guidelines, including obtaining referrals and pre-certifications. Various claim forms along with filing guidelines are introduced. Focus is on correlating health information with billing procedures in different healthcare settings. Course covers in-depth study of Medicare insurance system with emphasis on knowledge of terminology and guidelines involved in claim filing process. Topics also include understanding of Medicare reimbursement policies, appeal rights, and CMS current efforts to curtail healthcare fraud and abuse. Additionally, introductory information about other major insurance programs, reimbursement methodologies, and federal healthcare legislation programs will be provided. Writing assignments, as appropriate to the discipline, are part of the course.

Concurrent enrollment in HIT 101

3 Lecture Hours. 2 Lab Hours. 4 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 103

Basic ICD-10-CM/PCS Coding

Course covers the ICD-10-CM/PCS classification system required to organize medical information for retrieval and reporting. Focus is on both the ICD-10-CM disease classification system and ICD-10-PCS classification system. Work focuses on acquiring skills in coding diseases and procedures and abstracting medical data. Hands-on experience in coding case scenarios assignments. Writing assignments, as appropriate to the discipline, are part of the course.

Concurrent enrollment in HIT 101

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 104

Basic CPT Coding

Course covers basic principles and guidelines of CPT coding in both hospital-based and ambulatory environments. Students develop skills in using CPT to report reimbursable services. Topics include the format of CPT and practice code assignment, ethical coding principles, encoding systems and software with practice applications. Writing assignments, as appropriate to the discipline, are part of the course.

Concurrent enrollment in HIT 101

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 105

Pharmacology for HIT Professionals

Course offers comprehensive coverage of pharmacology as it relates to clinical documentation in the health record. Content includes medical terminology, drug classifications, therapeutic use in diseases and conditions, adverse effects, and side effects. This course introduces the student to the basic skills that are performed by the medical assistant in the medical office. The course will emphasize the principles of pharmacology as they relate to medication administration in the medical office and clinic settings.

Grade of C or better in HIT 110.

2 Lecture Hours. 2 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 108

Advanced ICD-10-CM/PCS Coding

Course covers the ICD-10-CM/PCS classification systems required to organize medical information for retrieval and reporting. Focus is on both the ICD-10CM disease classification system and ICD-10-PCS classification system. Work focuses on mastering skills in coding diseases and procedures and abstracting medical data. Hands-on experience in coding site-specific cases. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIT 103

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 109

Advanced CPT Coding

Course covers principles and guidelines of CPT coding in both hospital-based and ambulatory environments. Students master coding skills in using CPT to report reimbursable services. Hands-on experience in coding site-specific cases. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in BIOLOGY 116 and HIT 104.

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 110

Medical Terms for HIT Professionals

This course present medical terminology through study of medical word roots, prefixes, and suffixes. Focus of the course in on the relationship among symptomatic, disease, and procedural terms. Writing assignments, as appropriate to the discipline, are part of the course.

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 201
Fundamentals of Medical Science**

Course provides introduction to medical science. Content includes study of nature and cause of disease, treatment and management of patients, and practical application of knowledge by health information management professional. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIT 110.

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 202
Advanced Coding ICD9/10-CPT-4**

This course provides advanced coding techniques for the CPT-4, ICD-9-CM, and ICD-10M/PCS coding systems with emphasis on official coding guidelines, and sequencing. Emphasis on case studies, health records, and federal regulations regarding perspective payment systems and methods of reimbursement. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIM 103 AND HIM 104, or Consent of Department Chairperson.

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 203
Reimbursement Methodologies**

This course introduces terminology, rationale and methodology used by third-party payers to determine the reimbursement for health care providers. Proper completion of the 1500 billing form and legal issues related to reimbursement will be discussed, as well as the role health information management plays in the charge master maintenance, reimbursement monitoring, revenue cycle. An overview of hospital and nursing home billing systems including proper submission of UB-92 billing forms will also be covered. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIT 102

2 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 204
Health Statistics & Registries**

This course is a survey of sources and uses of health data in the United States. It focuses on the collection of data, commonly used computations, and the presentation and reporting of data. The function and use of registries with emphasis on the Tumor Registry is studied. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIM 101, or Consent of Department Chairperson.

1 Lecture Hours. 2 Lab Hours. 2 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 205
Health Information Management Seminar I**

This course is a capstone course that emphasizes the integration of the knowledge, skills, and abilities developed as a part of the health information management advanced certificate curriculum. This course specifically focuses on the student's ability to demonstrate a comprehensive, integrated response to simulated scenarios the student will face in the work environment. Students will also develop their resume and portfolio in preparation for entry into the work force. Writing assignments, as appropriate to the discipline, are part of the course.

Students must be in their last semester of the Advanced Certificate Program AND Consent of Department Chairperson.

1 Lecture Hours. 1 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 206
HIM Seminar II**

This course is a capstone course that emphasizes the integration of the knowledge, skills, and abilities developed as a part of the health information management associate degree curriculum. This course specifically focuses on the student's ability to demonstrate a comprehensive, integrated response to simulated scenarios the student will face in the work environment. Writing assignments, as appropriate to the discipline, are part of the course.

Students must be in their last semester of the Associate Degree Program AND Consent of Department Chairperson.

1 Lecture Hours. 1 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 207
Health Information Management Clinical Practicum**

This course is a practicum course that provides practical experience for students enrolled in the Associates Degree in Health Information Management program. This practicum is focused on the application and synthesis of knowledge, skills, and abilities developed as part of the health information management associate degree curriculum to a healthcare setting. Writing assignments, as appropriate to the discipline, are part of the course.

Concurrent enrollment in HIM 206. Students must be in their last semester of the Associate Degree Program AND Consent of Department Chairperson.

1 Lecture Hours. 1 Credit Hours.

Offered At: MX

**Health Information Technology (HIT) 208
Health Information Database Management**

This course introduces computer applications relevant for use in the HIM health sciences. Emphasis is placed on the use of, health-related software, the Internet, and various spread sheets for interpreting hospital statistics. Upon completion of this course, the student should demonstrate basic competency in the use of computers and HIM related software.

1 Lecture Hours. 2 Lab Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 209**Pharmacology for HIM Health Professions**

This course provides a framework to understand medications and their administration, and is appropriate for Medical Coding students. This is not an acceptable course for Clinical Nursing, Surgical Technologists, and Emergency Medical Service students. Students will be introduced to an extensive body of knowledge within a limited time frame through a concise yet adaptable format. They will examine drug classifications through their indications, side effects, precautions, and interactions and client education. An introduction to prescription abbreviation will be covered. The increasing need for all health care professionals to provide a clear and accurate patient education will be addressed through highlighted sections and case studies.

Grade of C or better in HIM 102.

2 Lecture Hours. 2 Lab Hours. 4 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 211**Intermediate ICD-CM Coding**

This course introduces the student to the basic ICD-CM basic coding guidelines for diagnoses used in hospitals, physician offices and other healthcare settings. By practical application of the official coding guidelines, the student will become familiar with ICD-CM diagnostic coding for all body systems and condition. Topics include the format of ICD-CM practice code assignment, ethical coding principles, and software with practical applications. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIM 102.

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 212**ICD-PCS**

This course introduces the theory, structure, and organization of the International Classification of disease using ICD-10-CM/PCS system. Emphasis is placed on the importance of body structure, procedures, application of coding principles and official guidelines for coding and reporting. The student is introduced to Diagnosis Related Groups (DRGs) and their relationship to coding using the encoder. Writing assignments, as appropriate to the discipline, are part of the course.

Grade of C or better in HIT 101,102,103,104 AND HEALTH 102.

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 213**Supervisory and Legal Aspects**

Course studies impact of legal system on health information. Focus of this course is on the health record as a legal document, and effect of confidential communication laws, including HIPAA, on release of information and use of health information. Content of this course also includes management principles and supervisory role in healthcare organizations. Writing assignments, as appropriate to the discipline, are part of the course.

Earned Advanced Certificate in HIT

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 214**Quality and Performance Improvement**

Course covers trends in healthcare quality control and performance, Performance Improvement (PI) foundations, fundamentals and principles. It reinforces understanding of PI concepts and issues with case studies and real-world scenarios. Hands-on practice through analytical and practical tools. Writing assignments, as appropriate to the discipline, are part of the course.

Earned Advanced Certificate in HIT

3 Lecture Hours. 3 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 221**Professional Practice I**

Course contains planned and supervised clinical experiences in medical facilities. Opportunity to gain knowledge and skill in admission and discharge procedures, health and vital statistics, coding and abstracting, physician incomplete records, medical transcription supervision, cancer registry, billing site and long term care facilities. Writing assignments, as appropriate to the discipline, are part of the course.

Concurrent enrollment in HIT 109 and HIT 203.

1 Lecture Hours. 9 Lab Hours. 4 Credit Hours.

Offered At: MX

Health Information Technology (HIT) 222**Professional Practice II**

Continuation of HIT 221. This course provides opportunity to increase proficiency in coding skills, gain knowledge and skill in release information, patient care evaluation procedures, supervisory duties, and ambulatory care settings. Writing assignments, as appropriate to the discipline, are part of the course.

Earned Advanced Certificate in HIT

1 Lecture Hours. 9 Lab Hours. 4 Credit Hours.

Offered At: MX