

HEALTH INFORMATION TECHNOLOGY (HIT)

HIT 1101

Fundamentals of Health Info Technology

4 Credit Hours

Introduction to the role of health information technicians and the health information field. Covers numbering, filing, indexing and professionals in health care. Health record content in hospitals and other types of health care facilities. Internal and external agency requirements for all types of health care facility records. (3 lecture hours, 2 lab hours)

HIT 1102

Clinical Classification Systems I

5 Credit Hours

Study of nomenclature and classification of systems including coding and abstracting. Introduction to International Classification of Diseases (ICD) coding principles. (4 lecture hours, 2 lab hours)

Prerequisite: Admission to HIT program is required. HIT 1101 with a grade of C or better, or equivalent, and ANAT 1500 with a grade of C or better, or ANAT 1551 and ANAT 1552, both with a grade of C or better or equivalent, or ANAT 1571 and ANAT 1572, both with a grade of C or better or equivalent, or consent of instructor.

HIT 1103

Computerized Health Data and Statistics

4 Credit Hours

Study of statistical data including hospital census. Electronic information processing and health information systems. Study of the computerized patient record. Computer applications to health data including abstracting, master patient index, and medical transcription. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to Health Information Technology program is required. HIT 1101 and concurrent enrollment in CIS 1150 or consent of instructor.

HIT 1107

CPT Coding

3 Credit Hours

Students will be introduced to the Current Procedure Terminology (CPT) coding system for procedures in ambulatory care and services rendered by physicians. (3 lecture hours)

Prerequisite: HLTHS 1110 with a grade of C or better, or equivalent or consent of instructor.

HIT 1108

ICD-10-CM Coding for Physician Services

3 Credit Hours

Students will be introduced to the International Classification of Diseases (ICD) 10-CM for coding and reimbursement of physician office services. (2 lecture hours, 2 lab hours)

Prerequisite: HLTHS 1110 with a grade of C or better or equivalent or consent of instructor.

HIT 1121

Billing in Physician Offices

3 Credit Hours

Students will be introduced to an overview of medical office procedures including billing, scheduling, legalities, and office protocol. (2 lecture hours, 2 lab hours)

Prerequisite: HIT 1107 and HIT 1108 or equivalents or consent of instructor.

HIT 1125

Clinical Reimbursement Methodologies

3 Credit Hours

Study of health care reimbursement, prospective payment systems, and case mix analysis. The use of coded data and health information in reimbursement systems appropriate to all health care settings is explored. (2 lecture hours, 2 lab hours)

Prerequisite: Admission to Health Information Technology program is required. HIT 1102 or consent of instructor.

HIT 1130

Survey of Health Information Technology

4 Credit Hours

Students are introduced to how health information technicians serve patients in a variety of healthcare delivery settings. The course covers the history of the profession, record content, regulatory standards, data technologies, medical classification systems, and terminologies for all types of health care facility records. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 1140

Disease and Pharmacology for Health Information Technology

4 Credit Hours

Students will examine information on abnormal changes in body systems as indicators of common diseases and pathological conditions. Information is presented on the pharmacologic agents used to treat the diseases with a focus on fundamental concepts of drug classification. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 1210

Statistics for Health Information Technology

4 Credit Hours

Students are introduced to collecting and utilizing data for inpatient hospital and other health records to create useful information through the application of statistical processes. (4 lecture hours)

Prerequisite: Admission to the HIT program is required.

HIT 1217

Revenue Cycle Management for Health Information Technology

4 Credit Hours

Students are introduced to the financial aspects of healthcare. The course covers registration, medical coding systems, healthcare insurance, reimbursement methodologies, compliance, charge capture, claims processing, and the collection of patient service revenue. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 1237

Introduction to International Classification of Diseases for Health Information Technology

4 Credit Hours

Students are introduced to the International Classification of Diseases (ICD) as equivalents to diagnostic terms documented in all health records. Students are also introduced to the Procedure Coding System (PCS) as equivalents to inpatient procedures used for inpatient facility claims. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 1840

Independent Study

1-4 Credit Hours

Exploration and analysis of topics within the discipline to meet individual student-defined course description, goals, objectives, topical outline and methods of evaluation in coordination with and approved by the instructor. This course may be taken four times for credit as long as different topics are selected. (8 lab hours)

Prerequisite: Consent of instructor is required.

HIT 2110

Health Law and Compliance in Health Information Technology

4 Credit Hours

Students are introduced to concepts of health law, legal proceedings, information confidentiality, data security, and workplace law. In addition the areas of performance quality initiatives, risk management, compliance, and medical staff organization are covered. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 2120

Data Management for Health Information Technology

4 Credit Hours

Students are introduced to data dictionaries and data sets for compliance with governance standards. Students manage data within a database system and identify standards for the exchange of health information. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 2201

Legal Qualitative Aspects of Health Information

5 Credit Hours

Legal and qualitative aspects of health information. Privacy standards, confidentiality, case law, performance improvement, utilization management, risk management, medical staff credentialing as well as accreditation standards will be explored. (4 lecture hours, 2 lab hours)

Prerequisite: Admission to Health Information Technology program is required. HIT 1103 and HIT 1125, both with a grade of C or better, or equivalent and concurrent enrollment in HIT 2221 or consent of instructor.

HIT 2202

Management of Health Information

3 Credit Hours

Supervisory techniques and professional relationships. Knowledge and skills relevant to operating a health record department are emphasized. Human resource issues, procedures, equipment, forms and office systems are also reviewed. (2 lecture hours, 2 lab hours)

Prerequisite: Admission to Health Information Technology program is required. HIT 2201 or consent of instructor.

HIT 2203

Pharmacology for HIT Professionals

3 Credit Hours

General introduction to pharmacological concepts. Focus on fundamental concepts of drug classification, adverse reactions, poisoning and management of common diagnoses. (2 lecture hours, 2 lab hours)

Prerequisite: Admission to Health Information Technology program is required. HIT 2211 or consent of instructor.

HIT 2207

Advanced CPT/ICD Coding

4 Credit Hours

Continuation of the study of CPT and ICD classification systems with an emphasis on linking the code sets together. Compare the periodic updates of both code sets including expanding terminologies and new procedures, interpreting and applying official coding guidelines, and reviewing edits and modifiers. (3 lecture hours, 2 lab hours)

Prerequisite: HIT 1125 with a grade of C or better or equivalent, and ANAT 1500 with a grade of C or better or equivalent, or ANAT 1551 and ANAT 1552 both with a grade of C or better or equivalent, or ANAT 1571 and ANAT 1572 both with a grade of C or better or equivalent, or consent of instructor.

HIT 2211

Pathophysiology for Health Information

4 Credit Hours

Study of the origin, identification and classification of diseases of the human body. Emphasis on etiology, manifestations, diagnostic finding and treatment. (4 lecture hours)

Prerequisite: Admission to Health Information Technology program is required. ANAT 1500 with a grade of C or better or equivalent, or ANAT 1551 and ANAT 1552 both with a grade of C or better or equivalent, or ANAT 1571 and ANAT 1572 both with a grade of C or better or equivalent, or consent of instructor.

HIT 2212

Clinical Classification Systems II

4 Credit Hours

Study of nomenclature and classification of systems including coding and abstracting. Introduction to International Classification of Diseases Procedural Classification System (ICD-PCS) coding principles. This course can be taken three times for credit. (2 lecture hours, 2 lab hours)

Prerequisite: HIT 1102 with a grade of C or better or equivalent and ANAT 1500 with a grade of C or better or equivalent, or ANAT 1551 and ANAT 1552 both with a grade of C or better or equivalent, or ANAT 1571 and ANAT 1572 both with a grade of C or better or equivalent, or consent of instructor.

HIT 2213

ICD-10-CM Coding for Inpatient Services

3 Credit Hours

Study of nomenclature and classification of systems including coding and sequencing. Introduction to International Classification of Diseases (ICD)-10 coding principles. (2 lecture hours, 2 lab hours)

Prerequisite: ANAT 1500 with a grade of C or better or equivalent, or ANAT 1551 and ANAT 1552 both with a grade of C or better or equivalent, or ANAT 1571 and ANAT 1572 both with a grade of C or better or equivalent, and consent of instructor.

HIT 2221

Professional Practice Experience I

2 Credit Hours

Supervised professional practice (clinical) experiences in a variety of health information settings. Application of health information science theory will be emphasized. (1 lecture, 8 lab hours)

Prerequisite: Admission to HIT program is required. HIT 1103 and HIT 1125, both with a grade of C or better, or equivalent and concurrent enrollment in HIT 2201 or consent of instructor.

HIT 2231***Professional Practice Experience II***

2 Credit Hours

Continuation of professional practice experiences in primary care and secondary sites. (1 lecture hour, 8 lab hours, 8 clinical hours)

Prerequisite: Admission to HIT program is required. HIT 2221 with a grade of C or better or equivalent.

HIT 2240***Health Information Technology Management and Leadership***

4 Credit Hours

Students are introduced to management and leadership skills relevant to operating a Health Information Department. The concepts of organizational change, human resource strategies, performance improvement, financial management, workforce training, and the importance of cultural diversity will be reviewed. (3 lecture hours, 2 lab hours)

Prerequisite: Admission to the HIT program is required.

HIT 2250***Professional Practice Experience for Health Information Technology***

2 Credit Hours

Students are exposed to the field of health information by using an educational EHR (electronic health record) to reinforce didactic instruction. Additionally, students complete externally supervised activities and assignments that relate to higher level competencies. Purpose of the course is to assimilate theory with practice, and the transition from student to productive workforce member. (1 lecture hour, 8 clinical hours)

Prerequisite: Admission to the HIT program is required.

HIT 2860***Internship (Career & Technical Ed)***

1-4 Credit Hours

Course requires participation in Career and Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.

HIT 2865***Internship Advanced (Career & Tech Ed)***

1-4 Credit Hours

Continuation of Internship (Career and Technical Education). Course requires participation in Career & Technical Education work experience with onsite supervision. Internship learning objectives are developed by student and faculty member, with approval of employer, to provide appropriate work-based learning experiences. Credit is earned by working a minimum of 75 clock hours per semester credit hour, up to a maximum of four credits. (5 to 20 lab hours)

Prerequisite: Consent of instructor and 2.0 cumulative grade point average, 12 semester credits earned in a related field of study, students work with Career Services staff to obtain approval of the internship by the Dean from the academic discipline where the student is planning to earn credit.