

# Health Information Technology

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## Fundamentals of Health Info Technology

### HIT 1101 - 4 Credits

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. Prerequisite: Admission to HIT program is required (3 lecture hours, 2 lab hours)

## Classification Systems I

### HIT 1102 - 5 Credits

Study of nomenclature and classification of systems including coding and abstracting. Introduction to International Classification of Diseases(ICD) coding principles. Prerequisite: Health Information Technology 1101 and Anatomy & Physiology 1500 with a grade of C or better or Anatomy & Physiology 1551 and Anatomy & Physiology 1552 with a grade of C or better or equivalent or Anatomy & Physiology 1571 and Anatomy & Physiology 1572 with a grade of C or better or consent of instructor (4 lecture hours, 2 lab hours)

## Computerized Health Data and Statistics

### HIT 1103 - 4 Credits

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. Prerequisite: Health Information Technology 1101 and concurrent enrollment in Computer Information Systems 1150 or consent of instructor (3 lecture hours, 2 lab hours)

## C.P.T. Coding

### HIT 1107 - 3 Credits

An introduction to the Current Procedure Terminology (CPT) coding system for procedures in ambulatory care and services rendered by physicians. Emphasis is on the six sections of the CPT book. An introduction of Center for Medicare/Medicaid (CMS) Services' Common Procedure Coding System (HCPCS) is included. Prerequisite: Health Sciences 1110 or consent of instructor (3 lecture hours)

## ICD-10-CM Coding for Physician Services

### HIT 1108 - 3 Credits

An introduction to International Classification of Diseases (ICD) 10 for coding and reimbursement in physician office services. Prerequisite: Health Sciences 1110 with a grade of C or better or equivalent(2 lecture hours, 2 lab hours)

## **ICD-9-CM Coding for Physicians Services**

HIT 1120 - 3 Credits

An introduction to International Classification of Diseases Ninth Revision, Clinical Modification (ICD-9-CM) for physician office services. Prerequisite: Health Sciences 1110 or consent of instructor (2 lecture hours, 2 lab hours)

## **Billing in Physician Offices**

HIT 1121 - 3 Credits

An overview of medical office procedures including billing, scheduling, legalities and office protocol. Prerequisite: Health Information Technology 1107 and Health Information Technology 1120 or consent of instructor and program admission approval required.(2 lecture hours, 2 lab hours)

## **Clinical Reimbursement Methodologies**

HIT 1125 - 3 Credits

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. Prerequisite: Health Information Technology 1102 or consent of instructor (2 lecture hours, 2 lab hours)

## **Independent Study**

HIT 1840 - 1-4 Credits

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. Prerequisite: Consent of instructor is required (8 lab hours)

## **Legal/Qualitative Aspects of Health Info**

HIT 2201 - 5 Credits

Legal and qualitative aspects of health information. Privacy standards, confidentiality, case law, performance improvement, utilization management, risk management, medical staff credentialing

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as well as accreditation standards will be explored. Prerequisite: Health Information Technology 1103 with a grade of C or better or equivalent and Health Information Technology 1125 with a grade of C or better or equivalent and concurrent enrollment in Health Information Technology 2221 or consent of instructor (4 lecture hours, 2 lab hours)

## Management of Health Information

HIT 2202 - 3 Credits

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. Prerequisite: Health Information Technology 2201 or consent of instructor (2 lecture hours, 2 lab hours)

## Pharmacology for HIT Professionals

HIT 2203 - 3 Credits

General introduction to pharmacological concepts. Focus on fundamental concepts of drug classification, adverse reactions, poisoning and management of common diagnoses. Prerequisite: Health Information Technology 2211 or consent of instructor (2 lecture hours, 2 lab hours)

## Advanced CPT/ICD Coding

HIT 2207 - 4 Credits

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. Prerequisite: Health Information Technology 1125 with a grade of C or better or equivalent and Anatomy & Physiology 1500 with a grade of C or better or equivalent or Anatomy & Physiology 1551 and Anatomy & Physiology 1552 with a grade of C or better or equivalent or Anatomy & Physiology 1571 and Anatomy & Physiology 1572 with a grade of C or better or equivalent or consent of instructor (3 lecture hours, 2 lab hours)

## Pathophysiology for Health Information

HIT 2211 - 4 Credits

Study of the origin, identification and classification of diseases of the human body. Emphasis on etiology, manifestations, diagnostic finding and treatment. Prerequisite: Anatomy & Physiology 1500 with a grade of C or better or Anatomy & Physiology 1551 and Anatomy & Physiology 1552 with a grade of C or better or equivalent or Anatomy & Physiology 1571 and Anatomy & Physiology 1572 with a grade of C or better or consent of instructor (4 lecture hours)

## **Clinical Classification Systems II**

HIT 2212 - 4 Credits

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. Prerequisite: Health Information Technology 1102 with a grade of C or better or equivalent and Anatomy & Physiology 1500 with a grade of C or better or equivalent or Anatomy & Physiology 1551 and Anatomy & Physiology 1552 with a grade of C or better or equivalent or Anatomy & Physiology 1571 and Anatomy & Physiology 1572 with a grade of C or better or equivalent or consent of instructor (2 lecture hours, 2 lab hours)

## **ICD-10-CM Coding for Inpatient Services**

HIT 2213 - 3 Credits

Study of nomenclature and classification of systems including coding and sequencing. Introduction to International Classification of Diseases (ICD)-10 coding principles. Prerequisite: Anatomy & Physiology 1500 with a grade of C or better or equivalent or Anatomy & Physiology 1551 and Anatomy & Physiology 1552 with a grade of C or better or equivalent or Anatomy & Physiology 1571 and Anatomy & Physiology 1572 with a grade of C or better or equivalent and consent of instructor (2 lecture hours, 2 lab hours)

## **Professional Practice Experience I**

HIT 2221 - 2 Credits

Supervised professional practice (clinical) experiences in a variety of health information settings. Application of health information science theory will be emphasized. Prerequisite: Health Information Technology 1103 with a grade of C or better or equivalent and Health Information Technology 1125 with a grade of C or better or equivalent and concurrent enrollment in Health Information Technology 2201 or consent of instructor

## **Professional Practice Experience II**

HIT 2231 - 5 Credits

Continuation of professional practice experiences in primary care and secondary site Prerequisite: Health Information Technology 2221 with a grade of C or better or equivalent

## **Internship (Career & Technical Ed)yCoop Ed/Internship Occup**

HIT 2860 - 1-4 Credits

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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. Prerequisite: 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 Associate Dean from the academic discipline where the student is planning to earn credit.

## Internship Advanced (Career & Tech Ed)

### HIT 2865 - 1-4 Credits

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. Prerequisite: 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 Associate Dean from the academic discipline where the student is planning to earn credit.