HEALTH INFORMATION TECHNOLOGY (HIT)

HIT 1107
CPT Coding
3 Credit Hours
This course introduces students to the Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) code sets. The students will learn to interpret healthcare documentation and apply guidelines, rules, and terms for the proper assignment of physician procedures and service codes. (3 lecture hours)
Prerequisite: Admission to the HIT program.

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 1109
Inpatient Procedural Coding
3 Credit Hours
This course provides an introduction to the format and application of the ICD-10-PCS coding system. Students will learn the unique meaning of each PCS code character and how it relates to code application. They will expand their knowledge of inpatient procedures and ancillary services as they review medical documentation to abstract information pertinent to building PCS codes. (3 lecture hours)
Prerequisite: Admission to the HIT degree program is required.

HIT 1110
Diagnostic Coding
3 Credit Hours
This course introduces the ICD-10-CM code set, coding format and structure, coding conventions, and guidelines. Students will evaluate medical documentation and learn how to abstract, assign, and sequence diagnostic codes. (3 lecture hours)
Prerequisite: Admission to the HIT degree program is required.

HIT 1130
Survey of Health Information Management
4 Credit Hours
In this introductory course, students will explore the health information management profession and its impact on the delivery of healthcare in a variety of settings. Students will gain insight into the health record and the importance it plays in the delivery of safe, timely, and quality health care. Federal and state agencies will be explored along with facility accreditation standards, documentation compliance, and Health Information Portability and Accountability Act (HIPAA) role in reimbursement systems. (4 lecture hours)
Prerequisite: Admission to the HIT degree 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
Health Information Statistics and Analysis
3 Credit Hours
Students will learn to apply statistical formulas to the calculation and analysis of health care data, as well as the fundamentals data visualization. Students will use software programs and learn best practices for data display and basic research methodologies. Students will have the opportunity explore data related to patient quality, safety, outcomes, public health and continuous improvement projects in healthcare. (3 lecture hours)
Prerequisite: PSYCH 2280 or SOCIO 2205 or MATH 1635. Admission to the HIT degree 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 1301
Anatomy and Pharmacology for Medical Coders and Billers
3 Credit Hours
Students will examine the twelve body systems, the organs that they comprise, and the function of each. Basic pharmacology terms, treatments, and routes of administration will be explored. Clinically important diseases, associated etiology, and manifestations will be presented. This course is designed to prepare students to be able to understand and abstract clinical documentation required to assign appropriate diagnostic and procedural medical codes. (3 lecture hours)

HIT 1302
Introduction to Diagnostic Coding
3 Credit Hours
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) coding is a system used by healthcare providers to classify and report diseases and disorders. This course is designed to provide a comprehensive understanding of the ICD-10-CM coding system including its structure, conventions, and guidelines. (3 lecture hours)
Prerequisite: HLTHS 1110 or concurrent enrollment in HLTHS 1110.

HIT 1401
CPT Coding for Physician Office
4 Credit Hours
Students will learn how to interpret physician documentation in order to assign appropriate procedure codes. Students will learn how to apply the Current Procedural Terminology (CPT) conventions and official guidelines for coding and reimbursement. Real-world examples and hands-on activities are used to prepare students to become professional physician coders. (4 lecture hours)
Prerequisite: HIT 1301, HIT 1302, and HLTHS 1110.

HIT 1402
Legal and Ethical Concepts for Medical Coders and Billers
3 Credit Hours
Students will explore various legal and ethical concepts related to the field of Health Information Management and specific to medical coding. Health Insurance Portability and Accountability Act (HIPAA), Stark Law, and the False Claims Act will be examined as well as fraud, abuse, and compliance related to the submission of reimbursement claims. (3 lecture hours)
Prerequisite: HIT 1301, HIT 1302, and HLTHS 1110.

HIT 1403
Revenue Cycle Management
3 Credit Hours
Students will explore tasks associated with revenue cycle management contributing to the capture, management, and collection of physician service reimbursement. Students will compare different outpatient and physician reimbursement methodologies, patient cost sharing models, the specifics of health insurance claim submission, and payment processes. (3 lecture hours)
Prerequisite: HIT 1301, HIT 1302, and HLTHS 1110.

HIT 1501
Health Insurance and Reimbursement
3 Credit Hours
This course provides an in-depth understanding of the healthcare insurance and reimbursement landscape in the United States. Students will learn the basics of healthcare insurance, including private insurance, Medicare, and Medicaid. They will also explore the various reimbursement models used by healthcare providers including fee-for-service, capitation, and bundled payments. Students will learn about the components of a typical insurance contract including covered services, deductibles, coinsurance, co-pays, and how these elements affect the cost of healthcare for patients. (3 lecture hours)
Prerequisite: HIT 1301, HIT 1302, and HLTHS 1110.

HIT 1503
CPT and HCPCS Coding for Medical Billers
2 Credit Hours
Students will learn about the Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) code sets used for physician services. Students will apply coding conventions and guidelines for the proper assignment of procedure codes. Students will explore the connection between diagnostics codes, medical necessity, procedure codes, and reimbursement. (2 lecture hours)
Prerequisite: HIT 1301, HIT 1302, and HLTHS 1110.

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 Information Law and Compliance
4 Credit Hours
This course introduces students to concepts of health law, legal proceedings, and patient consents. In addition, they will explore Health Insurance Portability and Accountability Act (HIPAA) and Administrative Simplification as it pertains to the legal health record and healthcare communications. Students will explore ethical issues surrounding the privacy, confidentiality and security of patient information in the health information field. (4 lecture hours)
Prerequisite: Admission to the HIT degree program is required.

HIT 2208
Advanced Medical Coding
3 Credit Hours
In this course, students will combine their skills and knowledge from the CPT, Diagnostic and Inpatient Procedural Coding courses to code both inpatient and outpatient scenarios. Students will have the opportunity to use encoder software to aid in the application of codes. In addition, students will further evaluate coding resources such as Coding Clinic and CPT Assistant as they learn the intricacies of the coding process. Students will apply their coding knowledge as they audit previously coded scenarios for completeness and accuracy. (3 lecture hours)
Prerequisite: HIT 1107, HIT 1109, and HIT 1110. Admission to the HIT degree program is required.

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 2217
Revenue Cycle Management
4 Credit Hours
This course examines all aspects of the healthcare revenue cycle including patient registration, charge capture, coding, claim submission, insurance remittance, payments, and denials. Students will examine government and third-party payment models, and the relationship between clinical documentation and reimbursement. (4 lecture hours)
Prerequisite: HIT 1107, HIT 1109, and HIT 1110. Admission to the HIT degree program is required.

HIT 2240
Health Information Organizational Management and Leadership
3 Credit Hours
Students are introduced to management and leadership skills relevant to operating a Health Information Management department. The concepts of organizational change, human resource strategies, performance improvement, financial management, workforce training, and the importance of cultural diversity will be reviewed. The importance of Quality Improvement in healthcare will be explored and students will examine different continuous improvement models. (3 lecture hours)
Prerequisite: Admission to the HIT degree program is required.

HIT 2250
Health Information Technology Capstone
2 Credit Hours
This course provides students with Professional Practice Experience (PPE) and is intended to strengthen the academic experience. It enables students to obtain actual work experience and put academic theories into practice. (1 lecture hour, 2 clinical hours)
Prerequisite: Admission to the HIT degree program and Program Chair approval.