

HIT-HEALTH INFO TECHNOLOGY

HIT 110. Electronic Health Records

3 Credits (3)

Current electronic health record principles, methods and procedures, and computerized medical record concepts and software applications will be introduced. Restricted to: Community Colleges only.

HIT 120. Health Information Introduction to Pharmacology

3 Credits (3)

Introduction to the principles of pharmacology, including drug terminology; drug origins, forms, and actions; routes of administration; as well as the use of generic name drugs, trade name drugs and categories of drugs to treat multiple and specific body systems. Crosslisted with: NURS 120. Restricted to Community Colleges campuses only.

Learning Outcomes

1. List and define the major pharmacological drugs and common generics used in healthcare.
2. Distinguish between local, systemic, therapeutic, allergic, and side effects of the drugs.
3. Describe the pharmacological action of common drugs and drug categories used to treat each body system, including usage, dosage, adverse effects, contraindications, indications, and key client education information.
4. Identify basic laws and ethics associated with pharmacological preparation and distribution.
5. Describe the principle mechanisms of actions, usage, dosage, adverse effects, contraindications, indications, and key client education information for drug classifications affecting multiple body systems. List several routes of drug administration and describe their advantages and disadvantages.

HIT 130. Health Information Technology Anatomy & Physiology

3 Credits (3)

An introductory course in the basics of human structure and function. Body systems are examined as to how they relate to proper code selection and as part of the functioning of the body as a whole. Restricted to Community Colleges campuses only.

HIT 140. Health Information Introduction to Pathophysiology

3 Credits (3)

Introduction to the nature of disease and its effect on body systems. Disease processes affecting the human body via an integrated approach to specific disease entities will be presented including a review of normal functions of the appropriate body systems. Diseases will be studied in relation to their etiology, pathology, physical signs and symptoms, diagnostic procedures, complications, treatment modalities and prognosis.

HIT 150. Introduction to Medical Terminology

3 Credits (3)

The study and understanding of medical terminology as it relates to diseases, their causes and effects, and the terminology used in various medical specialties. Emphasis will be placed on learning the basic elements of medical words, appropriate spelling and use of medical terms, and use of medical abbreviations. Crosslisted with: OATS 150. Restricted to Community Colleges campuses only.

Learning Outcomes

1. Identify and define medical word roots, prefixes, and suffixes and abbreviations.

2. Examine and correctly spell medical terms using the basic elements of medical words.
3. Recall and properly pronounce common medical terms and the terminology related to the body's major organ systems.
4. Identify the primary medical terms used in various medical specialties.

HIT 158. Advanced Medical Terminology

3 Credits (3)

Builds upon the concepts covered in HIT 150 or AHS 120 providing greater understanding of how to properly use and apply medical terminology used in the various health fields. Medical terminology associated with the body system's anatomy and physiology, pathology, diagnostic and therapeutic procedures, pharmacology, and abbreviations will be emphasized. Restricted to Community Colleges campuses only. **Prerequisite(s):** HIT 150 or AHS 120.

HIT 221. Internship I

3 Credits (3)

Work experience that directly relates to a student's major field of study that provides the student an opportunity to explore career paths and apply knowledge and theory learned in the classroom. Internships may be paid or unpaid. Students are supervised/evaluated by both the employer and the instructor. C- or better is required for this course. Consent of Instructor required. Restricted to: BOT, HIT majors. Restricted to Community Colleges campuses

HIT 228. Medical Insurance Billing

3 Credits (3)

Comprehensive overview of the insurance specialist's roll and responsibilities. Concepts and applications that will assist the student in understanding the steps necessary for successfully completing the insurance claim filing and reimbursement processes for various insurance carriers, both private and government, will be emphasized. May be repeated up to 3 credits.

Prerequisite: HIT/NURS 150; BOT 208.

HIT 240. Health Information Quality Management

3 Credits (3)

Introduction to basic concepts of quality improvement and performance improvement as they apply to health record systems and the health care industry. Quality assessment and improvement standards and requirements of licensing, accrediting fiscal and other regulatory agencies will be presented.

HIT 248. Medical Coding I

3 Credits (2+2P)

Comprehensive overview of the fundamentals, coding conventions, and principles of selecting the most appropriate ICD-10-CM/PCS diagnostic and procedure codes. The most recent version of ICD-10-CM/PCS and an in depth study of current Official Coding Guidelines for coding and reporting will be emphasized. Restricted to Community Colleges campuses only.

Prerequisite: OATS 228.

Learning Outcomes

1. Demonstrate the ability to interpret inpatient/outpatient record documentation to identify diagnosis and services/procedures including assessing and managing patient records, and reimbursement and legal issues.
2. Identify and demonstrate and understanding of the information pertinent to accurate insurance coding and reimbursement issues by appropriately applying regulatory agency guidelines.

3. Analyze patient records in order to define diagnoses to properly determine and assign diagnostic codes.

HIT 255. Special Topics

3 Credits (3)

Specific topics to be announced in the Schedule of Classes. May be repeated up to 6 credits. Restricted to Community Colleges campuses only.

HIT 258. Medical Coding II

3 Credits (2+2P)

Continuation of Medical Coding I. Comprehensive overview of the coding and reporting guidelines, fundamentals, coding conventions, and principles of selecting the most appropriate CPT and HCPCS procedural codes for all medical specialties. The most recent version of CPT and a continued study of the ICD-10-CM/PCS coding conventions and principles will be emphasized. Designed as a medical coding capstone course.

Restricted to Community Colleges campuses only.

Prerequisite: HIT 248.

Learning Outcomes

1. Demonstrate the ability to interpret inpatient/outpatient record documentation to identify diagnoses and services/procedures including assessing and managing patient records, and reimbursement and legal issues.
2. Define the skills and abilities needed to successfully function as an allied health care professional in various health care settings.
3. Identify and demonstrate an understanding of the information pertinent to accurate insurance coding and reimbursement issues by appropriately applying regulatory agency guidelines.
4. Demonstrate the ability to evaluate documentation to support diagnoses, procedures, tests, and treatment modalities.
5. Demonstrate the ability to monitor the quality of facility coding and abstracting.
6. Identify issues of fraud and abuse by reviewing inpatient and outpatient cases.
7. Demonstrate computer literacy and the ability to use the information processing and fiscal management programs utilized in various medical office environments.
8. Describe and identify why and how professionalism, using good judgment/decision-making skills, and developing the communications skills for good interpersonal relationships are necessary to achieve success as a medical insurance specialist.

HIT 268. Health Information Systems

3 Credits (3)

Overview of health data management, work planning, and organization principles; an introduction to health care information systems; and review of the fundamentals of information systems for managerial, clinical support, and information systems.