

# HEALTH INFORMATION TECHNOLOGY (HITT)

## **HITT 1166 Practicum – Health Information/Medical Records Technology/Technician 1 Credit (0 Lec, 9 Lab)**

This course covers practical, general workplace training supported by an individualized learning plan developed by the employer, College, and student. This is a supervised learning experience in a health care facility enabling the student to apply skills in medical office administrative procedures as well as basic billing and coding procedures and practices. Emphasis is placed on the student achieving entry-level proficiency in the above areas in an ambulatory health care setting.

Prerequisite(s): HITT 1313, HITT 1341, HITT 1342, HITT 1353

Course Type: Technical

## **HITT 1255 Healthcare Statistics: Cancer Epidemiology and Statistics 2 Credits (2 Lec, 0 Lab)**

This course covers principles of health care statistics with emphasis in hospital statistics, and skill development in computation and calculation of health data. This course also provides an introduction to epidemiology and statistics for tumor registrars, with an emphasis on use of registry data for epidemiologic research. The course includes an overview of statistical and epidemiologic terminology and methods, and analysis and presentation of cancer data for education and research.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

## **HITT 1301 Health Data Content and Structure 3 Credits (2 Lec, 2 Lab)**

This is an introduction to systems and processes for collecting, maintaining, and disseminating primary and secondary health related information including content of health record, documentation requirements, registries, indices, licensing, regulatory agencies, forms, and screens.

Course Type: Technical

## **HITT 1305 Medical Terminology I 3 Credits (3 Lec, 0 Lab)**

This is a study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties.

Course Type: Technical

## **HITT 1307 Cancer Data Management I: Introduction to Cancer Registry Management 3 Credits (3 Lec, 0 Lab)**

This course is an introduction to Cancer Data Management. Includes cancer program requirements, the American College of Surgeons Cancer Program survey process, and an overview of data collection/retrieval-abstracting, coding, staging, and reporting.

Prerequisite(s): HITT 1305, HITT 2330, BIOL 2404 Reading level 7, Writing level 7, Math level 8

Course Type: Technical

## **HITT 1311 Health Information Systems 3 Credits (2 Lec, 2 Lab)**

This is an introduction to health IT standards, health-related data structures, software applications and enterprise architecture in health care and public health.

Course Type: Technical

## **HITT 1313 Coding and Insurance 3 Credits (3 Lec, 0 Lab)**

This course is an overview of skills and knowledge in ICD and CPT coding and claims forms for reimbursement of medical services. This course also covers rules and processes required for accurate and efficient billing of medical insurance claims.

Course Type: Technical

## **HITT 1341 Coding and Classification Systems 3 Credits (2 Lec, 3 Lab)**

This course covers the fundamentals of coding rules, conventions, and guidelines using clinical classification systems.

Prerequisite(s): HITT 1305

Course Type: Technical

## **HITT 1342 Ambulatory Coding 3 Credits (2 Lec, 2 Lab)**

This course covers the fundamentals of ambulatory coding rules, conventions, and guidelines.

Prerequisite(s): HITT 1305

Course Type: Technical

## **HITT 1345 Health Care Delivery Systems 3 Credits (3 Lec, 0 Lab)**

This is an introduction to organization, financing, and delivery of health care services, accreditation, licensure, and regulatory agencies.

Prerequisite(s): Reading level 7, Writing level 7

Course Type: Technical

## **HITT 1353 Legal and Ethical Aspects of Health Information 3 Credits (3 Lec, 0 Lab)**

This course covers the concepts of privacy, security confidentiality, ethics, health care legislation, and regulations relating to the maintenance and use of health information.

Course Type: Technical

## **HITT 1360 Clinical-Health Information/Medical Records Technology/Technician 3 Credits (0 Lec, 9 Lab)**

This is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts.

Direct supervision is provided by the clinical professional.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

## **HITT 1361 Clinical-Cancer Data Management 3 Credits (0 Lec, 9 Lab)**

This is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts.

Direct supervision is provided by the Certified Tumor Registrar.

Prerequisite(s): HITT 2370, HITT 2372, Reading level 7, Writing level 7, Math level 8

Co-requisite(s): HITT 1255

Course Type: Technical

## **HITT 1374 Anatomy and Physiology 3 Credits (3 Lec, 1 Lab)**

This is a general overview of the normal structure and function of human body including an introduction to the relationship of the body systems in maintaining homeostasis.

Course Type: Technical

## **HITT 2145 Billing Certification Exam Review 1 Credit (1 Lec, 0 Lab)**

This course is a review of coding competencies and skills in preparation for a coding certification exam; and a review of billing competencies and skills in preparation for a billing certification exam.

Course Type: Technical

**HITT 2245 Coding Certification Exam Review 2 Credits (2 Lec, 0 Lab)**

This is a review of the coding competencies and skills in preparation of a coding certification exam.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2249 RHIT Competency Review 2 Credits (1 Lec, 2 Lab)**

This is a review of Health Information Technology (HIT) competencies, skills, and knowledge.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2307 Cancer Data Management II: Abstracting Principles and Practices I 3 Credits (3 Lec, 0 Lab)**

This is a continuation of Cancer Data Management I to include the application of cancer registry data.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8,

Prerequisite with concurrency: HITT 1307

Course Type: Technical

**HITT 2330 Pathophysiology and Pharmacology 3 Credits (2 Lec, 2 Lab)**

This course covers the study of the pathology and general health management of diseases and injuries across the life span. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries. A study of drug classifications, actions, therapeutic uses, adverse effects, routes of administration, and calculation of dosages.

Course Type: Technical

**HITT 2335 Coding and Reimbursement Methodologies 3 Credits (2 Lec, 2 Lab)**

This course covers advanced coding techniques with emphasis on case studies, health records, and federal regulations regarding prospective payment systems and methods of reimbursement.

Prerequisite(s): HITT 1341, Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2339 Health Information Organization and Supervision 3 Credits (3 Lec, 0 Lab)**

This course covers the principles of organization and supervision of human, financial, and physical resources.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2343 Quality Assessment and Performance Improvement 3 Credits (3 Lec, 0 Lab)**

This is a study of quality standards and methodologies in the health information management environment. Topics include licensing, accreditation, compilation and presentation of data in statistical formats, quality management and performance improvement functions, utilization management, risk management, and medical staff data quality issues, and approaches to assessing patient safety issues and implementation of quality management and reporting through electronic systems.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2346 Advanced Medical Coding 3 Credits (2 Lec, 2 Lab)**

This course covers the advanced concepts of CPT coding rules, conventions, and guidelines in complex case studies. Includes investigation of government regulations and changes in health care reporting.

Course Type: Technical

**HITT 2361 Clinical-Health Information/Medical Records Technology/ Technician 3 Credits (0 Lec, 9 Lab)**

This is a health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts.

Direct supervision is provided by the clinical professional.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2370 Cancer Data Management III: Abstracting Principles and Practices II 3 Credits (3 Lec, 0 Lab)**

This is an advanced level course in Cancer Data Management to include Cancer Program requirements, the American College of Surgeons guidelines, and heavy concentration in abstracting, coding, staging and State and National reporting requirements.

Prerequisite(s): HITT 1307, HITT 2307, Reading level 7, Writing level 7, Math level 8

Course Type: Technical

**HITT 2372 Oncology Coding and Staging 3 Credits (3 Lec, 0 Lab)**

This course provides an overview of oncology coding and staging systems (ICD-O-3, SSS2K, AJCC, the MP/H rules, and the Hematopoietic DB/Manual). Focus on coding clinical information from medical records; staging and extent of disease concepts used by physicians and cancer surveillance organizations; and the rules used to determine the number of primaries.

Prerequisite(s): Reading level 7, Writing level 7, Math level 8

Course Type: Technical