Degree Description

The Health Information Management accreditor of McLennan Community College is the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). The College's accreditation for associate degree in Health Information Technology has been reaffirmed through 2029. All inquiries about the program's accreditation status should be directed by mail to CAHIIM, 200 East Randolph Street, Suite 5100, Chicago, IL, 60601; by phone at (312) 235-3255; or by email at info@cahiim.org.

The Health Information Technology program is designed to prepare graduates to perform the technical duties vital to managing health information. The health information technician is responsible for maintaining the integrity and confidentiality of the health record. Duties include record analysis, data analysis and reporting, coding, billing, and other health information related duties. With a degree in health information technology, you will be able to work in a variety of health care settings, including hospitals, physician clinics, mental health centers, long-term care facilities, insurance companies, government agencies, home care providers, and other health-related agencies.

Students enrolled in HITT 2249 will sit for the RHIT exam in the same semester.

NOTE: This degree is available completely online and includes a required clinical/practicum experience. Ask your advisor or visit www.mclennan.edu\online for more details.

Marketable Skills

1. Evaluate revenue cycle processes. 2. Evaluate compliance with regulatory requirements and reimbursement methodology. 3. Manage data within a database system. 4. Evaluate data dictionaries and data sets for compliance with governance standards.

Semester I	Hours
BIOL 2404 Anatomy & Physiology (specialized)	4 hours
HITT 1301 Health Data Content & Structure	3 hours
HITT 1441 Coding and Classification Systems	4 hours
HITT 1205 Medical Terminology I	2 hours
	13 hours

Semester II	Hours
BCIS 1305 Business Computer Applications	3 hours
HITT 2430 Pathophysiology & Pharmacology	4 hours
HITT 1345 Health Care Delivery System	3 hours
HITT 2335 Coding & Reimbursement Methodologies	3 hours
	13 hours

Semester III	Hours
ITSW 1307 Introduction to Database	3 hours
HITT 1311 Health Information Systems	3 hours
HITT 2346 Advanced Medical Coding	3 hours
HITT 1353 Legal and Ethical Aspects of Health Information	3 hours
MATH 1342 Elementary Statistical Methods	3 hours
	15 hours

Semester IV	Hours
HITT 2343 Quality Assessment and Performance Improvement	3 hours
HITT 2339 Health Information Organization & Supervision	3 hours
ITSW 1304 Introduction to Spreadsheets	3 hours
ENGL 2311 Technical & Business Writing *or* ENGL 1301 Composition I	3 hours
	12 hours

SOCI 1301 Introduction to Sociology *or* PSYC 2301 General Psychology	3 hours
HITT 2261 Clinical - Health Information Technology/Technician	2 hours
HITT 2249 RHITCompetency Review	2 hours
	7 hours

Total hours: **60 hours**

Course Descriptions

BIOL 2404 Anatomy & Physiology (specialized)

Study of the structure and function of human anatomy, including the neuroendocrine, integumentary, musculoskeletal, digestive, urinary, reproductive, respiratory, and circulatory systems. Content may be either integrated or specialized. Semester Hours 4 (3 lec/3 lab)

HITT 1301 Health Data Content & Structure

Introduces 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. Prerequisites: Admission to the Health Information Technology program or approval of the program director. Semester Hours 3 (2 lec/2 lab)

HITT 1441 Coding and Classification Systems

Introduces fundamentals of coding rules, conventions, and guidelines using clinical classification systems. Corequisites: HITT 1205, HITT 1301. Prerequisite: BIOL 2404. Semester Hours 4 (3 lec/3 lab)

HITT 1205 Medical Terminology I

Introduces the study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. Semester Hours 2 (2 lec)

BCIS 1305 Business Computer Applications

Introduces and develops foundational skills in applying essential and emerging business productivity information technology tools. The focus of this course is on business productivity software applications, including word processing, spreadsheets, databases, presentation graphics, data analytics, and business-oriented utilization of the internet. (BCIS 1305 is included in the Business Field of Study.) Semester Hours 3 (2 lec/2 lab)

HITT 2430 Pathophysiology & Pharmacology

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 dosages. Prerequisites: BIOL 2404 Anatomy and Physiology or HPRS 1206 Essentials of Medical Terminology or HITT 1205 Medical Terminology I. Semester Hours 4 (3 lec/ 2 lab) Lab Fee: $20

HITT 1345 Health Care Delivery System

Examines delivery systems including organization, financing, accreditation, licensure, and regulatory agencies. Prerequisite: HITT 1301 with a grade of C or better. Semester Hours 3 (3 lec)

HITT 2335 Coding & Reimbursement Methodologies

Examines advanced coding techniques with emphasis on case studies, health records, and federal regulations regarding prospective payment systems and methods of reimbursement. Prerequisite: HITT 1441 with a grade of C or better. Semester Hours 3 (2 lec/4 lab) Lab Fee: $20

ITSW 1307 Introduction to Database

Introduces relational and non-relational database theory and the practical applications of a contemporary databases. Topics may adapt to changes in industry practices. Semester Hours 3 (2 lec/2 lab)

HITT 1311 Health Information Systems

Introduces health IT standards, health-related data structures, software applications and enterprise architecture in health care and public health. Semester Hours 3 (2 lec/3 lab)

HITT 2346 Advanced Medical Coding

Presents advanced concepts of ICD and CPT coding rules, conventions, and guidelines in complex case studies. Investigation of government regulations and changes in health care reporting. Prerequisites: HITT 1441 and 2335. Semester Hours 3 (2 lec/3 lab)

HITT 1353 Legal and Ethical Aspects of Health Information

Presents concepts of privacy, security, confidentiality, ethics, health care legislation, and regulations related to the maintenance and use of health information. Offered only in fall semester. Semester Hours 3 (3 lec) TMBF: $49

MATH 1342 Elementary Statistical Methods

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Graphing calculator required. Prerequisite: TSI math complete or MATH 0308 or completion of college-level math course. Semester Hours 3 (3 lec)

HITT 2343 Quality Assessment and Performance Improvement

Presents 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. Approaches to assessing patient safety issues and implementation of quality management and reporting through electronic systems. Offered only in spring semester. Prerequisites: HITT 1301 with a grade of C or better. Semester Hours 3 (3 lec)

HITT 2339 Health Information Organization & Supervision

Presents principles of organization and supervision of human, financial, and physical resources. Prerequisites: HITT 1301 with a grade of C or better. Semester Hours 3 (3 lec)

ITSW 1304 Introduction to Spreadsheets

Introduces the concepts, procedures and importance of electronic spreadsheets. Semester Hours 3 (2 lec/2 lab)

ENGL 2311 Technical & Business Writing

Intensive study of and practice in professional settings. Focus on the types of documents necessary to make decisions and take action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice of individual and collaborative processes involved in the creation of ethical and efficient documents. Prerequisite: TSI complete in Writing or the equivalent. Semester Hours 3 (3 lec)

ENGL 1301 Composition I

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis is on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus is on writing the academic essay as a vehicle for learning, communication, and critical analysis. Note: ENGL 1301 is a pre-requisite for all 2000-level literature courses. Prerequisite: TSI complete in Writing or the equivalent. Semester Hours 3 (3 lec)

SOCI 1301 Introduction to Sociology

The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance. Semester Hours 3 (3 lec)

PSYC 2301 General Psychology

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. NOTE: Must have passed the reading portion of the TSI Assessment or have credit for INRW 0302 or INRW 0402. Semester Hours 3 (3 lec)

HITT 2261 Clinical - Health Information Technology/Technician

Presents a health-related, work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by clinical professional. Prerequisites: HITT 2346 with a grade of C or better. Semester Hours 2 (8 clinical hours/week) TINSF: $16

HITT 2249 RHITCompetency Review

Requires a review Health Information Technology (HIT) competencies, skills and knowledge. Semester Hours 2 (2 lec) AHIMA fee $229