

Official Program Outline



ASSOCIATE OF SCIENCE IN HEALTH INFORMATION TECHNOLOGY

PROGRAM DESCRIPTION

The Associate of Science in Health Information Technology (HIT) program, accredited by CAHIIM, prepares students for entry-level careers in hospitals, clinics, long-term care facilities, insurance companies, government agencies, and healthcare technology organizations. Students develop skills in health data management, medical coding, healthcare reimbursement, electronic health records, data analytics, and compliance. The program examines how artificial intelligence is shaping health information technology practice, including applications in data analytics, clinical documentation, and compliance monitoring, and the ethical considerations essential to responsible AI use in healthcare. Graduates are eligible to sit for the Registered Health Information Technician (RHIT) Certification.

PROGRAM LEARNING OUTCOMES

Upon completion of this program, the student should be able to:

1. Assess the healthcare data lifecycle to ensure accurate documentation and data integrity to support compliance with federal regulations, accreditation requirements, and industry standards.
2. Apply legal, ethical, and regulatory principles governing privacy, confidentiality, security, and release of protected health information in healthcare settings.
3. Utilize electronic health records, healthcare technologies, data management systems, and AI tools to support healthcare operations, data analytics, and informed decision-making processes.
4. Apply medical coding systems, classification methodologies, and reimbursement processes within the revenue cycle management framework.
5. Ensure compliance with accreditation and regulatory requirements to support clinical documentation integrity and coding accuracy.
6. Demonstrate professional, leadership, communication, and critical thinking skills necessary to support organizational goals and ethical practices in Health Information Technology.

PROGRAM CONTENT

A minimum of 60.00 semester credit hours is required for graduation.

REQUIRED COURSES

All courses, 34.00 semester credit hours, are required.

Course Number	Course Name	Prerequisites/Corequisites	Semester Credit Hours
HC 101	Medical Terminology	None	1.00
HI 105	Introduction to Healthcare Information Systems	EN 104 and MA 109	1.00

HI 210	Principles of Health Information Management	EN 111, HI 105, HC 101	3.00
HI 215	Fundamentals of Healthcare Law and Ethics for Health Information Management Professionals	HI 210	3.00
HI 216	Information Management and Data Technology	HI 210	3.00
HI 217	Health Information Management and Leadership	HI 210	3.00
HI 226	ICD-CM Coding	HI 210, HC 101	3.00
HI 227	ICD-PCS Coding	HI 226	3.00
HI 228	CPT and HCPCS Coding	HI 227	3.00
HI 229	Reimbursement Methodologies	HI 226, HI 227, HI 228	3.00
HI 231	Healthcare Quality and Statistics	HI 226, HI 227, HI 228	3.00
HI 297	HIT Capstone	All didactic work complete /HI 231	2.00
MO 160	Pathophysiology and Pharmacology	HC 101, SC 144	3.00

REQUIRED ANATOMY AND PHYSIOLOGY COURSES

A minimum of 4.00 semester credit hours is required. Eligible students can take approved dual credit graduate level courses to complete a portion of the open electives requirement. 3.00 of these credit hours satisfies Science General Education Requirement.

- SC 144 Introduction to Anatomy and Physiology, Semester Credit Hours: 4.00

REQUIRED COURSES IN GENERAL EDUCATION

Students enrolled in this bachelor's degree must complete a minimum of 24.00 semester credit hours in general education distributed among the following disciplines. Refer to the General Education section of the catalog for specific information about courses within each discipline. Courses transferred from other accredited colleges may also be used to meet these requirements.

- EN 104 English Composition I, Semester Credit Hours: 3.00
- EN 111 Information Literacy, Semester Credit Hours: 3.00
- EN 116 Speech, Semester Credit Hours: 3.00
- HU 140 Cultural Diversity, Semester Credit Hours: 3.00
- HU 240 Introduction to Humanities, Semester Credit Hours: 3.00
- MA 109 College Algebra, Semester Credit Hours: 3.00
- SC 270 Environmental Literacy, Semester Credit Hours: 3.00
- PS 101 Psychology, Semester Credit Hours: 3.00

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

All courses, 1.00 semester credit hour, are required.

- PD 121 - Professional Development I Semester Credit Hours: 1.00

DISTRIBUTION OF CONTACT HOURS BY COURSE

Course Number	Lecture Hours	Lab Hours	Clinical Hours	Total Contact Hours	Credits
HC 101	15.00	0.00	0.00	15.00	1.00
HI 105	15.00	0.00	0.00	15.00	1.00
HI 210	45.00	0.00	0.00	45.00	3.00
HI 215	45.00	0.00	0.00	45.00	3.00
HI 216	45.00	0.00	0.00	45.00	3.00
HI 217	45.00	0.00	0.00	45.00	3.00
HI 226	45.00	0.00	0.00	45.00	3.00
HI 227	45.00	0.00	0.00	45.00	3.00
HI 228	45.00	0.00	0.00	45.00	3.00
HI 229	45.00	0.00	0.00	45.00	3.00
HI 231	45.00	0.00	0.00	45.00	3.00
HI 297	15.00	30.00	0.00	45.00	2.00
MO 160	30.00	30.00	0.00	60.00	3.00
SC 144	45.00	30.00	0.00	75.00	4.00
General Education	315.00	0.00	0.00	315.00	21.00
Professional Development	15.00	0.00	0.00	15.00	1.00
Totals	855.00	90.00	0.00	945.00	60.00

NEW COURSE DESCRIPTIONS

Course	Course Description
HI 228 CPT and HCPCS Coding	This course introduces students to Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) within outpatient and ambulatory healthcare settings. Students will learn to apply CPT/HCPCS coding guidelines, conventions, and modifiers to accurately translate clinical documentation into standardized procedure and service codes.

HI 297 HIT Capstone	This culminating course provides a comprehensive review of the Registered Health Information Technician (RHIT) examination domains through a capstone project that demonstrates students' mastery of Health Information Technology competencies. Students reinforce knowledge through case studies, practice assessments, and competency-based learning activities while applying CAHIIM-aligned concepts to a real-world health information management project. The course emphasizes critical thinking, data quality, compliance, information governance, revenue cycle management, and professional practice to prepare students for RHIT certification and entry-level employment.
----------------------------	---