Health Information Technology, AAS

Academic Year 2026-2027

Program Description:

The health information technician is the professional responsible for maintaining components of health information systems in a manner consistent with the medical, administrative, ethical, legal, accreditation, and regulatory requirements of the health care delivery system. In all types of facilities, and in various locations within a facility, the technician possesses the technical knowledge and skill necessary to process, maintain, compile, and report data for reimbursement, facility planning, marketing, risk management, quality assessment, and research; to abstract and code clinical data using appropriate classification systems; and to analyze health records according to standards. The health information technician may be responsible for functional supervision of the various components of the health information system. Within the 67 credit hours students must earn for the associate degree, 36 credit hours of health information technology classes are required. This includes 3 credit hours of directed practice where the students will practice their skills in a health information or simulated setting.

Career Outlook and Salary Forecast:

For the most current information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Program Outcomes:

- Health Data Management
    - Collect, maintain, and analyze health data
    - Apply healthcare information requirements and standards to the organization and accuracy of data
    - Use, maintain, and validate clinical classification systems
- Health Statistics, Biomedical Research, and Quality Management
    - Collect, maintain and report healthcare for research and quality management
- Health Services Organization and Delivery
    - Apply laws and standards related to health information initiatives from various levels and from healthcare providers
    - Adhere to healthcare privacy, confidentiality, and ethical standards
- Information Technology Systems
    - Use technology, including hardware and software, to ensure data collection, storage, analysis, and reporting of information
    - Maintain data security
- Organizational Resources
    - Use tools and techniques to monitor, report, and improve human resources
    - Manage and monitor financial and material resources

Admission Requirements:

1. Completion of the first year of course work with a grade point average of 2.5 or above with a grade of at least C in all courses.

Employment Opportunities:

- Acute care facilities
- Long-term care facilities
- Insurance companies
- Rehabilitation centers
- Physicians' offices
- Medical transcription
- Ambulatory care facilities
- State and local health departments
- Sales representatives for health information supplies
- Professional billing companies
- Attorneys' offices

Contact Information:

Janet Smith
Room 427A
Phone: 304-710-3516
E-mail: smithjan@mctc.edu

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
	Health Information Technology - Major Code CH10						
	Name:				**ID Number 942-**		
	Educational Counselor:						
	Faculty Advisor:						
AH 151	Medical Terminology		3				
MAT 120	Applied Professional Math[12]		3				
ENL 101	Written Communication[11]		3				
HIT 201	Health Information Tech I		3				
HINF 101	Intro to Health Informatics		3				
			15				
AH 216	Basic Pharmacology[1]		3				
HIT 202	Health Information Tech II		3				
BIOL 257/259	Principles of Anatomy & Physiology and Lab		4				
COM 125	Interpersonal Communication		3				
HIT 206	Healthcare Statistics[6]		3				
			16				
AH 205	Principles of Disease[2]		3				
HIT 205	ICD-10-CM/PCS Coding I[3]		3				
HINF 201	Analyzing Healthcare Data[7]		3				
HIT 210	Computer Health Information Systems[13]		3				
PSYC 215	Lifespan Psychology		3				
			15				
AH 204	Legal and Ethical Issues in Healthcare		3				
HIT 207	ICD-10-CM/PCS Coding II[8]		3				
HINF 202	Enterprise HI Management[9]		3				
HIT 209	CPT-Procedural Coding[4]		3				
HIT 215	Healthcare Data Analytics[10]		3				
			15				
HIT 212	HIT Capstone[5]		3				
HIT 218	HIT Practicum		3				
			6				

HOURS REQUIRED FOR GRADUATION: 67

Academic Policy for Health Information Technology: Each HIT course must be completed with a grade of "C" or better. Students earning a grade of less than "C" in a course must repeat the course. Evidence of a current satisfactory health record must be submitted prior to participation in the HIT Practicum. Students are responsible for transportation to and from the HIT practicum sites.

[1] AH 216 has a prerequisite of AH 151
[2] AH 205 has a prerequisite of BIOL 257 or BIOL 260 and AH 151.
[3] HIT 205 has a prerequisite of BIOL 257/259 and AH 151
[4] HIT 209 has a prerequisite of BIOL 257/259 and AH 151
[5] HIT 212 has a co-requisite of HIT 218 and completion of all core curriculum
[6] HIT 206 has a prerequisite of HINF 101 and MAT 120.
[7] HINF 201 has a prerequisite of HINF 101 and HIT 206.
[8] HIT 207 has a prerequisite of HIT 205.
[9] HINF 202 has a prerequisite of HINF 201.
[10] HIT 215 has a prerequisite of HIT 201 and HINF 201.
[11] ENL 101 has a prerequisite of ACT 18, SAT 480+, Accuplacer 250-300, or placed in ENL 101E. Students must earn a "C" or better in ENL 101 or ENL 101E to graduate.
[12] MAT 120 has a prerequisite of a minimum ACT Math score of 19, SAT Math score of 510, or Accuplacer 250+.
[13] HIT 210 has a prerequisite of HIT 201 and HINF 101.