

## Health Information Technology (2277) (A.S.)

### ASSOCIATE IN SCIENCE RECOMMENDED ROADMAP

This academic roadmap is designed to help you select courses each term for your **Associate in Science Degree in Health Information Technology (2277) (A.S.)**. The mission of the Health Information Technology (HIT) program is to provide the opportunity for students to develop knowledge, skills, and abilities that will allow them to become ethical, competent health information professionals with entry-level skills and the resources needed to acquire, analyze, maintain, and report accurate and complete health information. In addition, the program provides an environment of lifelong learning.

Full-time students will refer to the term-by-term recommendations, and part-time students will refer to the course-by-course recommendations. "Mile Markers and Notes" on the Roadmap refer to important guidelines for program completion.

This roadmap is intended to provide general guidance about recommended courses and mile markers. For specific guidance about your individual academic degree plan, please see a program advisor. Please also refer to the College Catalog for additional information.

#### **Embedded Certificate(s)**

Two technical certificates, Medical Information Coder/Biller (6155) (T.C.) and Healthcare Informatics Specialist (6165) (T.C.), are included within this A.S. degree program. Students may pursue the A.S. degree and earn the certificates while completing the requirements for the degree or pursue the certificates to develop or upgrade their skills. Contact an advisor to determine the career education path that is best for you.

**Career Options:** Constantly evolving regulations and technologies allow for lifelong learning and continued professional development. As healthcare advances, health information provides the patient data needed to successfully navigate the changes. As a result, health information professionals can expect to be in high demand as the health sector continues to expand. Demand is on the rise at all levels of education and credentialing. Some career positions for which graduates will be eligible include clinical data specialist, clinical coding professional, patient information coordinator, data resource coordinator, data quality analyst, HIM consultant, information privacy coordinator, data integrity specialist, reimbursement manager, and HIM director.

Term Offered: F = Fall Sp = Spring Sm = Summer

Available Modalities: HB = Hybrid OC = On-Campus OL = Online

Full-Time Students: Term-by-Term	Part-Time Students: Course-by-Course	Course: Course Title	Credit Hours	T.C. in Medical Information Coder/Biller*	T.C. in Healthcare Informatics Specialist	Term Offered	Available Modalities	Mile Markers and Notes
Prerequisites Taken Before Program Admission	1.	ENC 1101: English Composition I	3					Complete an academic degree plan with your advisor.  Follow up with an advisor about any accelerated credits that you may have earned (e.g., dual enrollment, AP, CLEP, etc.).  ENC 1101C can be taken in place of ENC 1101. Please speak with your advisor for more information.  This course is a prerequisite and must be completed with a minimum grade of "C" or better prior to program admission.
	2.	MAC 1105: College Algebra (or higher-level math) <b>OR</b> STA 2023: Elementary Statistics	3					This course is a prerequisite and must be completed with a minimum grade of "C" or better prior to program admission.
	3.	HSC 1531: Medical Terminology (For Health Professions)	3	X	X			
	4.	BSC 2085C: Human Anatomy and Physiology I	4	X				This course is a prerequisite and must be completed with a minimum grade of "C" or better prior to program admission.
Prerequisites Taken Before Program Admission	5.	Choose 1 General Education Humanities	3					See the options for the General Education Requirements in the current College Catalog.  This course is a prerequisite and must be completed with a minimum grade of "C" or better prior to program admission.
	6.	BSC 2086C: Human Anatomy and Physiology II	4	X				
	7.	CGS 1100: Microcomputer Applications for Business and Economics	3	X	X			
Term 1	8.	HIM 1000: Introduction to Health Information Management and Informatics	2	X	X	Sm	OL	
	9.	HIM 1260: Health Insurance Billing	2	X		Sm	OL	
	10.	HIM 1300: Health Care Delivery Systems	2	X		Sm	OL	
	11.	HIM 1435: Pathophysiology	3	X		Sm	OL	
	12.	HIM 2012: Health Law	3	X	X	Sm	OL	

Term 2	13.	CGS 2542: Database Concepts for Microcomputers	3		X	F	OL	
	14.	HIM 1110: Health Data Concepts	2			F	OL	
	15.	HIM 2442: Basic Pharmacology for Health Information Management	1	X		F	OL	
	16.	HIM 1224C: Basic ICD Coding and Lab	3	X		F	OL	
	17.	HIM 1511: Healthcare Informatics Project Management	2		X	F	OL	
	18.	HIM 2111: Health Information Systems and Electronic Health Record	3		X	F	OL	
Term 3	19.	HIM 2285C: Advanced ICD Coding	3	X		Sp	OL	T.C. in Healthcare Informatics Specialist earned  This course requires permission from the program director prior to registration.
	20.	HIM 1253C: CPT Coding and Lab	3	X		Sp	OL	
	21.	HIM 2214C: Health Data Management	3		X	Sp	OL	
	22.	HIM 2500: Performance Improvement	2			Sp	OL	
	23.	HIM 1800: Professional Practice I	1	X		Sp	OL	
Term 4	24.	HIM 2512: Supervision and Organizational Life	3			Sm	OL	This course requires permission from the program director prior to registration.  Apply for graduation by the required date.  <i>Congratulations, Graduate! Celebrate your success at Commencement!</i>
	25.	HIM 2822: HIM Capstone and Current Topics	3			Sm	OL	
	26.	HIM 2810: Professional Practice II	3			Sm	OL	
<b>Total Program Credit Hours =</b>			<b>70</b>		<b>24</b>			

### Important for You to Know:

- This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105. Please consult with an advisor for individual assistance.
- \*The admissions requirements for the technical certificate in Medical Information Coder/Biller vary from those for the Associate in Science in Health Information Technology. Therefore, the Medical Information Coder/Biller coursework, which consists of 37 credit hours, is listed below:

## **Prerequisites**

Prior to being admitted to the program, an applicant must complete the following courses with a minimum grade of C or better:

BSC 2085C: Human Anatomy and Physiology I (Credit Hours: 4)  
BSC 2086C: Human Anatomy and Physiology II (Credit Hours: 4)  
HSC 1531: Medical Terminology (for Health Professions) (Credit Hours: 3)  
HIM 1260: Health Insurance Billing (Credit Hours: 2)

## **Curriculum**

### **General Education Coursework (8 credit hours)**

BSC 2085C: Human Anatomy and Physiology I (Credit Hours: 4)  
BSC 2086C: Human Anatomy and Physiology II (Credit Hours: 4)

### **Professional Coursework (29 credit hours)**

CGS 1100: Microcomputer Applications for Business and Economics (Credit Hours: 3)  
HIM 1000: Introduction to Health Information Management and Informatics (Credit Hours: 2)  
HIM 1224C: Basic ICD Coding and Lab (Credit Hours: 3)  
HIM 1253C: CPT Coding and Lab (Credit Hours: 3)  
HIM 1260: Health Insurance Billing (Credit Hours: 2)  
HIM 1300: Health Care Delivery Systems (Credit Hours: 2)  
HIM 1435: Pathophysiology (Credit Hours: 3)  
HIM 1800: Professional Practice I (Credit Hours: 1)  
HIM 2012: Health Law (Credit Hours: 3) (Note: This course requires permission from the Program Director prior to registration.)  
HIM 2285C: Advanced ICD Coding and Lab (Credit Hours: 3)  
HIM 2442: Basic Pharmacology for Health Information Management (Credit Hours: 1)  
HSC 1531: Medical Terminology (for Health Professions) (Credit Hours: 3)