MEDICAL CODING AND BILLING, ASSOCIATE IN APPLIED SCIENCE (MCBA)

The Medical Coding and Billing A.A.S. Degree provides students with the skills necessary to function as Physician-Based Coders, Hospital Coders, or Medical Claims Reviewers. Today, there are many demands for coding specialists and accurately coded data from the medical record in all types of health care institutions. Coded data is used on claims for reimbursement, patient care management and healthcare evaluation and research. The curriculum includes medical terminology, human anatomy, pathophysiology, pharmacology, administrative medical office management, electronic health records and CPT and ICD coding. An Associate in Applied Science will be awarded upon completion of the program with a 2.0 GPA and a "C" or better in all AHESN courses.

CERTIFIED CODING ASSOCIATE (CCA) CERTIFICATION EXAM

The graduate of this degree may take the Certified Coding Associate (CCA) Certification Exam offered by AHIMA (American Health Information Management Association). After completing CCA exam and/or working in the field, students qualify to take the Certified Coding Specialist (CCS) or Certified Coding Specialist - Physician Based (CCS-P) exam offered by AHIMA.

Program Outcomes

Upon successful completion of this program, students should be able to:

- Demonstrate an understanding of the anatomical structure and physiological functioning of the human body and of medical terms descriptive of body systems.
- Describe the ethical and legal concepts of concern as they apply to reimbursement in health care and health information management.
- Apply and identify appropriate coding systems as they pertain to the identification of diseases and procedures in medical practices and hospital settings.
- Evaluate the revenue cycle management process.
- Demonstrate ability to successfully complete the necessary health record documentation approved by private and government medical reimbursement systems.
- Identify the routes of administration, indications, adverse effects and related laboratory studies for commonly used medications.
- Explain the disease process and concepts of pain assessment and management.
- Compare and contrast coding specialties to determine similarities and differences of the different body systems.
- Create a portfolio to demonstrate professional skills to enhance marketability for employment.
- Verify documentation in the health record is timely, complete and accurate.
- Define the roles and responsibilities of various providers and disciplines throughout the continuum of healthcare.
- Identify and use secondary data sources.

Curriculum

Course	Title	Hours
First Semester		
AHM 233	Medical Terminology	3
AHM 104	Body Structure and Function I [1]	3
AHM 105	Body Structure and Function II [1]	3
AHM 220	Applied Microbiology	1
AHM 102	Introduction to Health Care	3
ENG 100	English Composition I	3
	Hours	16
Second Semester		
DPR 100	Introduction to Information Technology	3
AHM 231	Introduction to CPT Coding	3
AHM 208	Pathophysiology and Pharmacology	4
AHA 207	Ethical/Legal Aspects of Health Care Management	3
MAT 120 or MAT 121	Modern College Mathematics or Introduction to Probability and Statistics	3
	Hours	16
Third Semester		
AHM 202	Fundamentals of Health Information Technology Science	3
AHM 140	Professional and Communication Issues in Health Care	3
AHM 232	Advanced CPT Coding	3
AHM 239	Introduction to ICD-10-CM Coding	3
Any Oral Communication designated course		3
	Hours	15
Fourth Semester		
AHM 240	Hospital Coding and Case Studies	3
AHM 241	Revenue Cycle Management and Reimbursement Methodologies	3
SOC 110	Introduction to Sociology	3
Any Global Understanding designated Humanities course		3
	Hours	12
Fifth Semester		
Summer		
AHM 242	Virtual Professional Practice Experience Capstone Course	3
	Hours	3
	Total Hours	62

[1] BIO 150 Human Anatomy and Physiology I and BIO 151 Human Anatomy and Physiology II may be taken in place of AHM 104 and AHM 105.

Notes

Oral Communication designated courses (https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#OC_Course_List)

Global Understanding designated courses (https://catalog.dccc.edu/academic-programs/college-academic-learning-goals/#GU_Course_List)

Campus Locations

HYBRID DEGREE (online* and classroom)

66% online

The following courses may not be available online:

Code	Title	Hours
Classroom Only		
AHM 220	Applied Microbiology	1
AHM 231	Introduction to CPT Coding	3
AHM 202	Fundamentals of Health Information Technology Science	3
AHM 232	Advanced CPT Coding	3
AHM 239	Introduction to ICD-10-CM Coding	3
AHM 240	Hospital Coding and Case Studies	3
AHM 242	Virtual Professional Practice Experience Capstone Course	3

* Some online courses have ***field requirements*** or ***in person/proctored testing***. Online courses with these requirements have additional information posted under the **COURSE DESCRIPTION** section when you are registering. Please make a note of it during registration.