

**STATE UNIVERSITY OF NEW YORK
COLLEGE OF TECHNOLOGY
CANTON, NEW YORK**



MASTER SYLLABUS

COURSE NUMBER – COURSE NAME

HSMB 315 - Medical Coding

CIP Code: 510701

For assistance determining CIP Code, please refer to this webpage

<https://nces.ed.gov/ipeds/cipcode/browse.aspx?v=55>

or reach out to Sarah Todd at todds@canton.edu

Created by: Julie Zyzik

Updated by:

School of Business and Liberal Arts

Department: Healthcare Management

Semester/Year: Spring 2023

- A. TITLE: Medical Coding
- B. COURSE NUMBER: HSMB 315
- C. CREDIT HOURS: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

Credit Hours: 3
Lecture Hours: 3 per week
Lab Hours: 0 per week
Other: 0 per week

Course Length: 15 Weeks

- D. WRITING INTENSIVE COURSE: Yes No
- E. GER CATEGORY: None: Yes: GER
If course satisfies more than one: GER
- F. SEMESTER(S) OFFERED: Fall Spring Fall & Spring

G. COURSE DESCRIPTION:

This course provides students with a comprehensive understanding of the medical coding profession and the tools a coder uses to report inpatient and outpatient diagnoses and procedure services to health plans. An emphasis is placed on learning coding concepts, guidelines, conventions and selection of compliant ICD-10-CM, ICD-10-PCS, CPT and HCPCS codes based on medical record documentation. Healthcare revenue cycle insurance and reimbursement concepts are also covered.

- H. PRE-REQUISITES: None Yes If yes, list below:

HSMB 200 Medical Terminology; and
BIOL 207 Human Anatomy; or
Permission of Instructor

CO-REQUISITES: None Yes If yes, list below:

- I. STUDENT LEARNING OUTCOMES: (*see key below*)

By the end of this course, the student will be able to:

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KEY	Institutional Student Learning Outcomes [ISLO 1 – 5]
ISLO #	ISLO & Subsets
1	Communication Skills Oral [O], Written [W]
2	Critical Thinking <i>Critical Analysis [CA], Inquiry & Analysis [IA], Problem Solving [PS]</i>
3	Foundational Skills <i>Information Management [IM], Quantitative Lit./Reasoning [QTR]</i>
4	Social Responsibility <i>Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]</i>
5	Industry, Professional, Discipline Specific Knowledge and Skills

*Include program objectives if applicable. Please consult with Program Coordinator

J. APPLIED LEARNING COMPONENT: Yes No

If YES, select one or more of the following categories:

- Classroom/Lab
- Internship
- Clinical Placement
- Practicum
- Service Learning
- Community Service

- Civic Engagement
- Creative Works/Senior Project
- Research
- Entrepreneurship
(program, class, project)

K. TEXTS:

3 - 2 - 1 Code It! 10th Edition, Green, M., Cengage, 2022.
MindTap ISBN: 9780357621295

ICD-10-CM 2022 The Complete Official Code Book with Guidelines, American Medical Association
(AMA)

ICD-10-PCS 2022 The Complete Official Code Book, American Medical Association (AMA)

CPT 2022: Professional Edition, American Medical Association (AMA)

HCPCS Level II Professional Edition 2022, American Medical Association (AMA)

Textbooks are mandatory for this class.

L. REFERENCES:

ICD-10, Centers for Medicare and Medicaid Services (CMS).
<https://www.cms.gov/Medicare/Coding/ICD10>

NCCI Edits, CMS.
<https://www.cms.gov/Medicare/Coding/NCCI-Coding-Edits>

Medicare Coverage Determinations, CMS.
<https://www.cms.gov/Medicare/Coverage/DeterminationProcess>

Office of Inspector General (OIG).
<https://oig.hhs.gov/>

Office of Medicaid Inspector General (OMIG).
<https://omig.ny.gov/>

HIPAA, Health and Human Services (HHS).
<https://www.hhs.gov/hipaa/index.html>

M. EQUIPMENT: None **Needed:**

N. GRADING METHOD:

Numerical Grade	Letter Grade
90-100	A
85-89	B+
80-84	B
75-79	C+
70-74	C

65-69	D+
60-64	D
<59	F

O. SUGGESTED MEASUREMENT CRITERIA/METHODS:

Discussion forum, assignments, quizzes and exams will be used to evaluate student learning.

P. DETAILED COURSE OUTLINE:

1. Overview Medical Coding

- a. Career
- b. Professional Associations
- c. Systems and Coding Processes
- d. Databases and Nomenclatures
- e. Medical Record Documentation
- f. Health data collection

2. ICD-10-CM Coding System

- a. Introduction and Overview
- b. Index to Diseases and Injuries
- c. Tabular List of Diseases and Injuries
- d. Official Guidelines for Coding and Reporting
- e. ICD-9-CM legacy coding system and General Equivalence Mappings (GEMS)
- f. Coding Conventions

3. ICD-10-CM Chapter-Specific Coding

- a. Introduction and Guidelines
- b. Assigning codes
- c. Chapters 1 - 10 ICD-10-CM
- d. Chapters 11 - 22 ICD-10-CM

4. Outpatient and Physician Office Coding

- a. Introduction and Guidelines
- b. Physician Office Setting
- c. Hospital Outpatient Care Services
- d. Assigning codes

5. ICD-10-PCS Coding

- a. Introduction and Guidelines
- b. Coding, Conventions and Section Coding
- c. Index and Tables
- d. Assigning codes
- e. Inpatient Hospital Coding ICD-10-CM and ICD-10-PCS

6. Health Care Procedure Coding System (HCPCS) Level II Coding System

- a. Introduction and Overview
- b. Assigning codes

7. Current Procedural Terminology (CPT) Coding System

- a. Introduction and Organization**
- b. Index, Appendices and Symbols**
- c. Sections, Subsections**
- d. Categories, Subcategories**
- e. National Correct Coding Initiative (NCCI)**
- f. Assigning codes**

8. Insurance and Reimbursement

- a. Introduction**
- b. Third-Party Payers**
- c. Reimbursement Systems**
- d. Case Mix Analysis**
- e. Severity of Illness (SOI)**
- f. Physician Documentation**
- d. HIPAA impact**
- e. Fraud and Abuse**

Q. LABORATORY OUTLINE: None Yes