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

MASTER SYLLABUS

COURSE NUMBER – COURSE NAME
HSMB 315 - Medical Coding

CIP Code: 51.0701
For assistance determining CIP Code, please refer to this webpage
https://nces.ed.gov/ipeds/cipcode/browse.aspx?y=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: Fall 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 insurance 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:

Course Student Learning Outcome [SLO]	*Program Student Learning Outcome [PSLO]*	*GER [If Applicable]*	*ISLO & SUBSETS*

Discuss the medical coding profession and the resources a medical coder uses to report inpatient and outpatient diagnoses and procedure services.	Describe the framework in which healthcare services are produced, coordinated, consumed and reimbursed.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
Identify ICD-10-CM, ICD-10-PCS, CPT and HCPCS coding concepts, guidelines and conventions.	Describe the framework in which healthcare services are produced, coordinated, consumed and reimbursed.		5-Ind, Prof, Disc, Know Skills ISLO ISLO	None Subsets Subsets Subsets
Identify appropriate ICD-10-CM, ICD-10-PCS, CPT, and HCPCS codes based on medical record documentation.	Describe the framework in which healthcare services are produced, coordinated, consumed and reimbursed.		5-Ind, Prof, Disc, Know Skills ISLO ISLO	None Subsets Subsets Subsets
Discuss compliance matters related to medical coding, medical documentation and the impact of HIPAA.	Compare practices of professionalism in the healthcare setting.		4-Soc Respons ISLO ISLO	ER Subsets Subsets Subsets
Discuss healthcare revenue cycle concepts.	Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
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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** *Critical Analysis [CA] , Inquiry & Analysis [IA] , Problem Solving [PS]*
3	**Foundational Skills** *Information Management [IM], Quantitative Lit./Reasoning [QTR]*
4	**Social Responsibility** *Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]*
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   ☐ Civic Engagement
☐ Internship   ☐ Creative Works/Senior Project
☐ Clinical Placement   ☐ Research
☐ Practicum   ☐ Entrepreneurship
☐ Service Learning   (program, class, project)
☐ Community Service

K.   TEXTS:

3 - 2 - 1 Code It! 11th Edition, Green, M., Cengage, 2023.
MindTap IBSN: 9780357763995

ICD-10-CM 2023 The Complete Official Code Book, American Medical Association (AMA).
    ISBN 9781640162228

ICD-10-PCS 2023 The Complete Official Code Book, American Medical Association (AMA)
ISBN 9781640162259

CPT 2023: Professional Edition, American Medical Association (AMA)
IBSN 9781640162136

HCPCS Level II Professional Edition 2023, American Medical Association (AMA)
ISBN 9781640162280

Textbooks are mandatory for this class.

L.   REFERENCES:

ICD-10, Centers for Medicare and Medaid 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: A-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. Evaluation & Management
   e. 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 ☐