

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



**MASTER SYLLABUS**

**COURSE NUMBER – COURSE NAME  
HSMB 200 – Medical Terminology**

**CIP Code: 51.0701**

*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](mailto:todds@canton.edu)*

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**Updated by: Julie Zyzik**

**School of Business and Liberal Arts**

**Department: Healthcare Management**

**Semester/Year: Fall 2023**

- A. TITLE: Medical Terminology & Introduction to Medical Coding
- B. COURSE NUMBER: HSMB 200
- C. CREDIT HOURS: (Hours of Lecture, Laboratory, Recitation, Tutorial, Activity)

# Credit Hours: 3  
 # Lecture Hours: 3 per week  
 # Lab Hours:        per week  
 Other:            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 the student with an opportunity to learn the language of medical terminology. Organized by body system, medical terms will be studied within an anatomy & physiology context. Students will learn to use word parts to build terms and decode unfamiliar language. Emphasis is placed on the Medical Record as a legal document including its format, content and the importance of documentation accuracy. Medical Coding will be introduced including classification systems, revenue cycle, and compliance.

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

HSMB 101 - Introduction to Healthcare Management 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:

<u>Course Student Learning Outcome</u> [SLO]	<u>Program Student Learning Outcome</u> [PSLO]	<u>GER</u> [If Applicable]	<u>ISLO &amp; SUBSETS</u>

1. Identify and define medical terms organized by body system within an anatomy and physiology context.	Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.		1- Comm Skills ISLO ISLO	W Subsets Subsets Subsets
2. Summarize the medical record as a legal document, including format and content.	Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
3. Discuss medical coding including classification systems and healthcare revenue cycle.	Describe the framework in which healthcare services are produced, coordinated, consumed, and reimbursed.		1-Comm Skills ISLO ISLO	W Subsets Subsets Subsets
4. Discuss compliance with a focus on medical record documentation and medical coding in relationship to the prevention of fraud, waste, and abuse.	Compare practices of professionalism in the healthcare setting.		4-Soc Respons ISLO ISLO	ER Subsets Subsets Subsets
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ISLO #	ISLO & Subsets
1	<b>Communication Skills</b> Oral [O], Written [W]
2	<b>Critical Thinking</b> <i>Critical Analysis [CA], Inquiry &amp; Analysis [IA], Problem Solving [PS]</i>
3	<b>Foundational Skills</b> <i>Information Management [IM], Quantitative Lit./Reasoning [QTR]</i>
4	<b>Social Responsibility</b> <i>Ethical Reasoning [ER], Global Learning [GL], Intercultural Knowledge [IK], Teamwork [T]</i>
5	<b>Industry, Professional, Discipline Specific Knowledge and Skills</b>

\*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:

- |   |  |
|---|--|
| <input type="checkbox"/> Classroom/Lab      | <input type="checkbox"/> Civic Engagement              |
| <input type="checkbox"/> Internship         | <input type="checkbox"/> Creative Works/Senior Project |
| <input type="checkbox"/> Clinical Placement | <input type="checkbox"/> Research                      |
| <input type="checkbox"/> Practicum          | <input type="checkbox"/> Entrepreneurship              |
| <input type="checkbox"/> Service Learning   | (program, class, project)                              |
| <input type="checkbox"/> Community Service  |  |

K. TEXTS:

Medical Terminology: A Living Language, 8<sup>th</sup> Edition Published by Pearson (August 1, 2023)  
2024. Fremgen, B. F. and Frucht, S. S. Pearson Publishing.

All other required reading and resource material will be provided by the instructor.

L. REFERENCES:

M. EQUIPMENT: None  Needed:

N. GRADING METHOD: A-F

O. SUGGESTED MEASUREMENT CRITERIA/METHODS:

**Discussion Forum, Labs/Assignments, Quizzes and Exams will be used to evaluate student learning.**

P. DETAILED COURSE OUTLINE:

**1. Introduction to Medical Terminology**

- a.) Word Parts
- b.) Word Roots
- c.) Combining Vowel/Form
- d.) Prefixes
- e.) Suffixes
- f.) Word Building
- e.) Interpreting Medical Terms
- g.) Pronunciation
- h.) Spelling
- i.) Abbreviations
- j.) Medical Record
- k.) Documentation Accuracy and Grammar

**2. Body Organization and Medical Care**

- a.) Cells
- b.) Tissues
- c.) Organs and Systems
- d.) Body
- e.) Medical Care

**3. Medical Terminology by Body System**

- a.) Specific Body System review per chapter each week
  - i.) Anatomy and Physiology
  - ii.) Terminology

**4. Introduction to Medical Coding**

- a.) Coding Classification Systems
  - i.) ICD-10, CPT, HCPCS
  - ii.) Healthcare Reimbursement
- b.) Compliance

**i.) Fraud, Waste and Abuse**

Q. LABORATORY OUTLINE: None  Yes