

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



**MASTER SYLLABUS**

**COURSE NUMBER – COURSE NAME  
HSMB 200 – MEDICAL TERMINOLOGY & CODING CLASSIFICATION**

**Created by: Jennie Flanagan**

**Updated by:**

**School of Business and Liberal Arts**

**Department: Business**

**Semester/Year: FALL 2019**

- A. **TITLE:** Medical Terminology & Coding Classifications
- 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: 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 the student with an opportunity to learn the language of medical terminology and how it correlates with United States coding classification systems. Medical terminology will be presented by body system, integrating diseases affecting each body system type. The Students learn the basics of the ICD-9 and ICD-10 medical coding classification systems to better understand the impact on the financial status of the department and/or healthcare organization.

- 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:



			ISLO ISLO ISLO	Subsets Subsets Subsets Subsets
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KEY	<u>Institutional Student Learning Outcomes [ISLO 1 – 5]</u>
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 with Access Code, 8<sup>th</sup> Edition, Fremgen, B.F. and Frucht, S.S. Pearson publishing.

Medical Coding Demystified: Coding 101 for Non-coders, 2<sup>nd</sup> Edition, Hauptman, Suzan. The Coding Institute, 2016.

Textbooks are mandatory for this class.

L. **REFERENCES:**

ICD-9 International Classification of Disease, Ninth Revision, Clinical Modification. (2013). Retrieved from <http://www.cdc.gov/nchs/icd/icd9cm.htm>

ICD-10 Official CMS Industry resources for the ICD-10 Transition. (2012). Retrieved from <http://www.cms.gov/ICD10>

International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM). (2012). Retrieved from <http://www.cdc.gov/nchs/icd/icd/10cm.htm>

ICD-10 Implementation Guide for Small and Medium Practices. (2013). Retrieved from <http://www.cms.gov/ICD10>

M. **EQUIPMENT:** None  Needed:

N. **GRADING METHOD:** A-F

O. **SUGGESTED MEASUREMENT CRITERIA/METHODS:**

Discussion forum, My Medical Terminology Lab, assignments, quizzes and exams will be used to evaluate student learning.

P. **DETAILED COURSE OUTLINE:**

1. Introduction to medical terminology
  - a) Overview

- b) **Foundation of medical terms**
  - c) **Learning of a new language**
  - d) **Basic word components**
  - e) **Interpreting of medical terms**
  - f) **Abbreviations and acronyms**
  - g) **Elements of the medical record**
2. **Medical terminology by body system and disease correlation**
- a) **Body system review per chapter per week(s)**
  - b) **Specific body system disease terminology**
  - c) **Interpreting and pronouncing of medical terms by body system or disease process**
  - d) **Procedures and pharmacology per body system**
  - e) **Anatomy and physiology (basic foundation)**
3. **Introduction to the insurance payers of healthcare/coding requirements**
- a) **Types of payers to healthcare organizations**
    - 1. **Medicare, Medicaid, commercial, charity and self-pay**
    - 2. **Past, present and future distribution of revenue**
  - b) **History of government based insurance plans**
  - c) **Third party auditors**
4. **Medical Coding Classification System**
- a) **Introduction to medical coding classification systems**
  - b) **History of medical coding classification systems**
  - c) **Types of sub-classifications under ICD coding**
  - d) **Medical terminology impacting the coding of medical records**
  - e) **Resources for coding medical records**
  - f) **Queries to physicians**
  - g) **Auditing of coded medical records**
5. **Regulatory, Legal and Ethical Issues**
- a) **Legal and ethical issues in medical record coding**
  - b) **Federal and state regulations**
  - c) **Fraud and abuse statutes**
6. **Opportunities in the field of medical record coding**
- a) **Coding Certifications**
  - b) **Out-sourcing versus in-house staffing**
  - c) **Job opportunities**

Q. **LABORATORY OUTLINE:** None  Yes