

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



COURSE OUTLINE

HSMB 200-Medical Terminology & Coding Classification Systems

PREPARED BY: Jennie Flanagan, RN MHA

**SCHOOL OF BUSINESS AND LIBERAL ARTS
MARCH 2014**

A. **TITLE:** Medical Terminology & Coding Classification Systems

B. **COURSE NUMBER:** HSMB 200

C. **CREDIT HOURS:** 3

D. **WRITING INTENSIVE COURSE (OPTIONAL):** No

E. **COURSE LENGTH:** 15 weeks

F. **SEMESTER(S) OFFERED:** Fall

G. **HOURS OF LECTURE:** 3 hours per week

H. **CATALOG 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.

I. **PRE-REQUISITES COURSES:** HSMB 101 or permission of instructor

J. **GOALS (STUDENT LEARNING OBJECTIVES):**

At the end of the course the student will be able to:

Course Objective	Institutional SLO
1. Identify and define medical terms and anatomy related to diseases of the body systems as designed around the ICD-9 and ICD-10 classification system.	2. Critical Thinking 3. Professional Competence
2. Summarize the history of the medical coding classification system for specific insurances in the U.S. Healthcare system and the transition from ICD-9 to ICD-10.	3. Professional Competence
3. Discuss the legal, ethical and regulatory requirements related to medical record coding and billing.	1. Communication 3. Professional Competence
4. Describe the education, role and scope of practice of the medical coder and as a healthcare leader overseeing a clinical department within a healthcare organization that codes medial records for the purposes of billing insurance payers.	3. Professional Competence

K. **TEXTS:**

Medical Terminology and Anatomy for ICD-10 Coding, 1st Ed. Mosby, Shiland, Betsy, ISBN# 9781455707782 (Access code and Textbook Package)

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

N. GRADING METHOD: A-F

O. MEASUREMENT CRITERIA/METHODS:

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

P. DETAILED TOPICAL 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 payors 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: N/A