JEFFERSON COLLEGE

INSTITUTIONAL COURSE GUIDE

HIT200

CLASSIFICATION SYSTEMS I

3 Credit Hours

Prepared by:

HIT200 Classification Systems I

I. CATALOGUE DESCRIPTION

    A. Prerequisite: HIT100 Introduction to Health Information Technology,
        HIT150 Introduction to Pharmacology, BIO212 Anatomy and Physiology
        II, BIO245 Pathophysiology (all with a grade of "C" or better) and reading
        proficiency.

    B. Credit hour award: 3

    C. Description: This course is an introduction to the ICD-10-CM data set
        used for reporting diagnoses and other reasons why health care
        professionals care for patients. This course will also include instruction
        (theory and hands-on) on how to classify and index diagnoses in the health
        care setting. The various uses for diagnosis codes will be discussed, as
        well. (F, S, O)

II. A.   EXPECTED LEARNING OUTCOMES/CORRESPONDING
         ASSESSMENT MEASURES

Expected Learning Outcomes	Assessment Measures
Demonstrate proper usage of the ICD-10-CM codebook.	LearnSmart/Assignment/ Case Study/Exam
Apply the steps involved in the proper coding process.	LearnSmart/Assignment/ Case Study/Exam
Identify the ethical and legal issues as they relate to coding procedures and services	LearnSmart/Assignment/ Case Study/Exam
Define the conventions used in diagnosis code sets.	LearnSmart/Assignment/ Case Study/Exam
Interpret the notations, official guidelines, and instructional notes of the coding manuals	LearnSmart/Assignment/ Case Study/Exam
Apply proper guidelines for coding	LearnSmart/Assignment/ Case Study/Exam
Determine the proper usage of ICD-10-CM codes	LearnSmart/Assignment/ Case Study/Exam
Utilize knowledge of medical terminology, anatomy and physiology, and pharmacology to accurately interpret physician's notes, operative reports, and radiology and lab reports.	LearnSmart/Assignment/ Case Study/Exam

III. OUTLINE OF TOPICS

    A. Introduction to the Language of Coding
        1. Explain the four purposes of medical coding.
        2. Identify the structure of the ICD-10-CM diagnosis coding manual.
        3. Differentiate between the types of procedures and the various
            procedure coding manuals.
        4. Examine the HCPCS Level II coding manual used to report the

provision of equipment and su

F. Coding Neoplasms
1. Identify the medical necessity for screenings and diagnostic testing for malignancies.
2. Discern the various types of neoplasms.
3. Interpret the Table of Neoplasms accurately.
4. Employ the directions provided in the Chapter Notes at the head of the Neoplasms section of the Tabular List.
5. Apply the guidelines for sequencing admissions due to complications of neoplasms and/or their treatments.

G. Coding Diseases of the Blood and Immunological System
1. Differentiate between various blood conditions and how this affects the determination of the code.
2. Determine the codes to report coagulation defects and hemorrhagic conditions accurately.
3. Identify the different types of blood and the importance of Rh factoring involved in malfunction.
4. Interpret the details of white blood cell disorders and diseases of the spleen.
5. Evaluate the factors involved in immunodeficiency disorders.

H. Coding Endocrine Conditions
1. Identify the various disorders affecting the thyroid gland.
2. Evaluate the details about a diabetes mellitus diagnosis to determine the correct code.
3. Assess the relationship between diabetes mellitus and its manifestations.
4. Interpret the documentation related to the reporting of other endocrinologic diseases.
5. Identify the aspects of nutrition and weight required for accurate code determination.
6. Analyze the details related to metabolic disorder diagnoses to determine the correct code.

I. Coding Mental, Behavioral, and Neurologic Disorders
1. Determine underlying conditions that affect mental health.
2. Distinguish mood and nonmood disorders.
3. Apply the guidelines for reporting nonpsychotic mental conditions.
4. Identify conditions affecting the central nervous system.
5. Interpret details regarding peripheral nervous system conditions into accurate codes.
6. Assess the diagnosis of pain and report it with accurate codes.

J. Coding Dysfunction of the Optical and Auditory System
1. Identify conditions affecting the external eye.
2. Interpret the details documented about diseases of the internal optical system to report accurate code.
3. Determine the accurate code to report other conditions of the eye.
4. Abstract documentation accurately to report conditions affecting the auditory system.

5. Enumerate the causes, signs, and symptoms of hearing loss.

K. Coding Cardiovascular Conditions
1. Abstract the documentation accurately to report heart dysfunction.
2. Discern the specifics of cardiovascular disease.
3. Evaluate documentation to determine details about abnormal blood pressure diagnoses.
4. Identify known manifestations of hypertension.
5. Interpret the details of cerebrovascular disease.
6. Distinguish the sequelae of cerebrovascular disease and report them accurately

L. Coding Respiratory Conditions
1.

A.   Lectures (if applicable)

B.   Readings from textbook

C.   Supplemental handouts

D.   McGraw-Hill Connect

E.   AHIMA Virtual Lab

V.   REQUIRED TEXTBOOK(S)

A.   Safian, S. & Johnson, M. (current edition). *Let's Code It*. New York, NY: McGraw-Hill.

B.   Current edition of ICD-10-CM coding manual

VI.   REQUIRED MATERIALS

A.   Textbook(s)

B.   A computer with internet access (available through the Jefferson College Labs)

C.   McGraw-Hill Connect Access Code

D.   AHIMA Virtual Lab Access

VII.   SUPPLEMENTAL REFERENCES

A.   Class handouts

B.   Current internet resources
    1. Online reference materials
    2. American Health Information Management Association (AHIMA) website. www.ahima.org

VIII.   METHOD OF EVALUATION

A.

F.   Case Study (15 @ 10 points each)

F.   Final Exam (1 @ 65 points)

H.   Grading Scale:
       A = 90-100%
       B = 80-89.9%
       C = 70-79.9%
       D = 60-69.9%
       F = 0-59.9%

The HIT Program runs a strict point system and does not calculate weighted grades.

IX.   ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Library: phone 636-797-3000, ext. 3169).

X.   ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook. Any student who cheats or plagiarizes will be subject to dismissal from the Health Information Technology program and will be referred to the college for disciplinary action. (See College website, www.jeffco.edu/ HIT)

XI.   ATTENDANCE STATEMENT

      Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII.   OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of