COURSE INFORMATION FORM

DISCIPLINE: Health Information Management
COURSE TITLE: Clinical Classification Systems - Diagnostic
CR.HR: 4  LECT HR: 2.5  LAB HR: 3  CLIN/INTERN HR:  0  CLOCK HR:  0

CATALOG DESCRIPTION
The course teaches students nomenclatures and use of the International Classification of Disease (ICD) system using ICD coding guidelines as they relate to body systems. Students develop an understanding for the need of quality information and standards of ethical coding by utilizing codes as they apply to the Prospective Payment Systems.

PREREQUISITES
HIM 100, HLSC 108 or BIOL 109 or BIOL 110 and BIOL 210 with a grade of C or better

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Describe the historical development of classifications and nomenclatures in the United States.
2. Apply clinical classification and coding through the effective use of electronic applications and work processes.
3. Explain classification systems and nomenclatures and their purpose in healthcare facilities.
4. Apply diagnosis codes.
5. Apply appropriate Medicare Severity Diagnosis-Related Groups (MS-DRGs) assignments.
6. Analyze regulations and established guidelines in code assignment.
7. Evaluate coding accuracy through the use of clinical information found in the health record.
8. Explain computerized indexing.
9. Summarize the use of registers utilized in health information management departments.
10. Resolve discrepancies between coded data and supporting documentation.
11. Apply appropriate ethical coding practices.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Outcomes   ESO
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Apply diagnosis codes according to current guidelines.
2. Evaluate the accuracy of diagnostic coding and groupings.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Assignments (2, 3, 4, 5, 6, 7, 8, 10, 11)
2. Lab exercises (2, 3, 4, 5, 6, 7, 8, 10, 11)
3. Written exams (1, 2, 3, 4, 5, 6, 8, 9)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Format and Conventions
   A. Definition of coding
   B. Uses of coding

II. Coding Principles
   A. Using medical record as a source document
   B. Coding steps
   C. Coding guidelines

III. Definitions
   A. Types of classification systems
   B. Nomenclatures

IV. Historical Background and Uses of Nomenclatures and Classification Systems
   A. Snomed
   B. Comparison of ICD-9-CM and ICD-10-CM
   C. Rationale for change

V. Introduction to ICD-10-CM
   A. Intro to Conventions
   B. Intro to Coding Guidelines
      1. AHA Coding clinic
      2. Cooperating Parties
      3. Diagnostic procedures

VI. ICD-10-CM Format
   A. Tabular list
   B. Alphabetic index

VII. Code Structure
   A. Sections
   B. Categories
   C. Subcategories
   D. Fifth, sixth or seventh character subclassifications

VIII. Instructional Notes
   A. Inclusion notes
   B. Exclusion notes
   C. Code first
   D. Code also
   E. Cross reference notes
      1. see
      2. see also
      3. see category
      4. see condition
IX. Abbreviations
   A. NEC
   B. NOS

X. Punctuation Marks
   A. Parentheses
   B. Square brackets
   C. Colons

XI. Relational Terms
   A. And
   B. With
   C. Due to

XII. Uniform Health Data Sets
    A. UHDDS
    B. UACDS

XIII. Coding vs. Reporting
     A. Research and statistical coding

XIV. Coding for Reimbursement, MS-DRGs

XV. Medical Record As Source Document
    A. Forms definition
    B. Dictated Reports

XVI. Z Codes, Purpose and function

XVII. V, W, X, and Y codes, Purpose and function

XVIII. Respiratory System
       A. Pneumonia
       B. Chronic obstructive pulmonary disease
       C. Respiratory failure
       D. Procedures related to the respiratory system

XIX. Diseases of the Circulatory System
     A. Rheumatic Heart Disease
     B. Ischemic Heart Disease
     C. Cerebrovascular Disease
     D. Hypertension
     E. Other circulatory conditions
     F. Procedures
     G. Coding tips

XX. Diseases of the Digestive System
    A. Gastrointestinal hemorrhage/ulcers/diverticular disease
    B. Diseases of the biliary system
    C. Procedures

XXI. Neoplasms
     A. Behavior
     B. Neoplasm table
     C. Basic types of neoplasms
     D. Coding tips
     E. Procedures

XXII. Genitourinary System
     A. Infections
     B. Renal disease
     C. Procedures
XXIII. Complications of Pregnancy, Childbirth, and the Puerperium
   A. General rules
   B. Assignment of the principal diagnosis
   C. Complications
   D. Procedures
XXIV. Abortions and Ectopic Pregnancy
   A. Types of abortion
   B. Complications
XXV. Congenital Anomalies
   A. Key terms
   B. Common congenital conditions
XXVI. Perinatal Conditions
   A. Births
   B. Newborn complications
   C. Procedures
XXVII. Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders
   A. Diabetes
   B. Other metabolic disorders
XXVIII. Diseases of the:
   A. Blood, Blood forming organs
   B. Nervous Systems, Sense organs
   C. Musculoskeletal System and Integumentary System
XXIX. Coding of Injuries, Burns, Poisoning, and Complications of Care
   A. Key terms
   B. Conditions
   C. Documentation
XXX. Coding Signs and Symptoms, Ill-defined Conditions