MA 167 Course Outline as of Fall 2017

CATALOG INFORMATION

Dept and Nbr: MA 167   Title: BASIC DIAG CODING
Full Title: Basic Diagnostic Coding
Last Reviewed: 2/28/2022

Units			Course Hours per Week		Nbr of Weeks	Course Hours Total		
Maximum	1.50		Lecture Scheduled	1.25	17.5	Lecture Scheduled		21.88
Minimum	1.50		Lab Scheduled	1.00	8	Lab Scheduled		17.50
			Contact DHR	0		Contact DHR		0
			Contact Total	2.25		Contact Total		39.38
			Non-contact DHR	0		Non-contact DHR		0

Total Out of Class Hours: 43.75   Total Student Learning Hours: 83.13

Title 5 Category: AA Degree Applicable
Grading: Grade or P/NP
Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly: MA 167A

Catalog Description:
Introduction to basic International Classification of Diseases, 10th Edition, Clinical Modification (ICD-10-CM) coding. Students will utilize their knowledge of medical terminology, disease process, and human anatomy and physiology to convert diagnostic statements into alpha-numerical codes. As each body system is studied, basic coding guidelines and logic will be presented as alpha-numeric diagnoses.

Prerequisites/Corequisites:
Course Completion of HLC 160 AND Course Completion of ANAT 58; OR Course Completion of HLC 160, HLC 140, and ANAT 140

Recommended Preparation:
Eligibility for ENGL 1A or equivalent

Limits on Enrollment:

Schedule of Classes Information:
Description: Introduction to basic International Classification of Diseases, 10th Edition, Clinical Modification (ICD-10-CM) coding. Students will utilize their knowledge of medical terminology, disease process, and human anatomy and physiology to convert diagnostic

statements into alpha-numerical codes. As each body system is studied, basic coding guidelines and logic will be presented as alpha-numeric diagnoses. (Grade or P/NP)
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Recommended: Eligibility for ENGL 1A or equivalent
Limits on Enrollment:
Transfer Credit:
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	**Area**	Effective:	Inactive:
CSU GE:	**Transfer Area**	Effective:	Inactive:
IGETC:	**Transfer Area**	Effective:	Inactive:

CSU Transfer:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
Upon completion of this course, the student will be able to:
1. Demonstrate accurate use of ICD-10-CM coding system through proper utilization of its characteristics and conventions.
2. Cite and apply basic ICD-10-CM coding guidelines and rules.
3. Code diagnoses related to all major body systems using ICD 10-CM Index and Tabular List.
4. Apply anatomical principles as they relate to the major body systems.
5. Utilize Medical Terminology comprehension and application.

Topics and Scope:

I. Introduction to ICD-10-CM Coding
    A. History of coding
    B. International Classification of Disease (ICD) Systems
II. Characteristics and Conventions of ICD-10-CM Coding
    A. Organization of alphabetical index, including nonessential modifiers
    B. Organization of tabular list
    C. Code format and structure
        1. Placeholder character
        2. Seventh character
    D. ICD-10-CM conventions
        1. Abbreviations and punctuation marks, such as NEC, NOS, parentheses, and slanted brackets
        2. Instructional notes, including excludes1 note and excludes 2 note

      6. Secondary hypertension
  B. Ischemic heart disease
      1. Acute myocardial infarction (AMI) and 5th digit subclassification
      2. Old myocardial infarction (MI)
      3. Angina, atherosclerosis, and coronary artery disease (CAD)
  C. Heart failure and cardiac arrest
  D. Arrhythmias
  E. Cerebrovascular disease, such as carotid artery stenosis and cerebrovascular accident (CVA)

XIII. Coding Diseases of the Respiratory System
  A. Acute upper respiratory infections
  B. Influenza
  C. Pneumonia
  D. Acute lower respiratory infections, such as acute bronchitis
  E. Chronic lower respiratory infections, such as emphysema, COPD, asthma
  F. Respiratory failure

XIV. Coding Diseases of the Digestive System
  A. Gastrointestinal ulcers and presence of helicobacter pylori (H. pylori)
  B. Hernias, including reducible, irreducible, incarcerated, and strangulated
  C. Gastroenteritis and cholelithiasis
  D. Gastrointestinal hemorrhage

XV. Coding Diseases of the Skin and Subcutaneous Tissue
  A. Cellulitis and abscesses
  B. Dermatitis and eczema
  C. Urticaria and erythema
  D. Pressure/decubitus ulcers and non-pressure ulcers

XVI. Coding Diseases of the Musculoskeletal System and Connective Tissue
  A. Direct versus indirect infection of joint
  B. Seventh characters
  C. Arthritis
  D. Systemic lupus erythematosus
  E. Dorsopathies, such as kyphosis, lordosis, and scoliosis
  F. Spondylopathies, such as ankylosis, spondylosis, and spinal stenosis
  G. Osteoporosis
  H. Pathologic and stress fractures - Osteomyelitis

XVII. Coding Diseases of the Genitourinary System
  A. Hematuria
  B. Acute kidney failure and chronic kidney disease
  C. Cystitis
  D. Benign prostatic hypertrophy (BPH) and lower urinary tract symptoms (LUTS)
  E. Disorders of breast
  F. Inflammatory and noninflammatory diseases of female genital tract, such as oophoritis, endometriosis, female genital prolapse
  G. Dysplasia
  H. Menopause

XVIII. Coding Symptoms, Signs, and Abnormal Clinical and Laboratory Findings
  A. Symptoms and signs, including those that are and are not an integral part of the disease process
  B. Coma scale
  C. Altered mental status
  D. Abnormal findings
  E. Papanicolaou test (Pap smear) findings

    F. Abnormal tumor markers

XIX. Injury Coding
    A. Placeholder character
    B. Seventh character
    C. Traumatic fracture
    D. Fracture types, such as closed and open, displaced and nondisplaced, greenstick, transverse, and comminuted
    E. Malunion and nonunion of fracture
    F. Dislocations and subluxations
    G. Intracranial injuries
    H. Internal organ injuries
    I. Open wounds and crush injuries
    J. Burns and corrosion, of all degrees, with extent of burns
    K. Superficial injuries
    L. Foreign bodies

XX. Coding Poisoning and Certain Other Consequences of External Causes
    A. Introduction to Table of Drugs and Chemicals
    B. Adverse effect definition and common causes
    C. Instructions for coding adverse effects
    D. Unspecified adverse effect of a drug
    E. Poisoning definition and common causes
    G. Under dosing
    H. Toxic effects
    I. Adult and child abuse, neglect, and other maltreatment
    J. Complications of surgical and medical care, including mechanical complications and transplant complications

XXI. Coding of External Causes of Morbidity
    A. Introduction to the Alphabetic Index to External Causes
    B. Seventh character
    C. Purpose of external cause codes
    D. Sequencing of external cause codes
    E. Never events (serious reportable events)

XXII. Coding the Factors Influencing Health Status and Contact with Health Services
    A. Purpose and use of Z codes
    B. Main terms leading to Z codes
    C. Z code categories

XXIII. Coding Ethics
    A. American Health Information Management Association (AHIMA) Code of Ethics
    B. AHIMA Standards of Ethical Coding

All topics are covered in both the lecture and lab parts of the course.

Assignment:

Lecture Related Assignments:
1. Homework problems: 20-50 coding problems assigned at each class meeting, including vocabulary and key terms exercises
2. Reading: 10-25 pages of reading assigned at each class meeting
3. Quizzes (2-4)
4. Final exam

Lab Related Assignments:

1. In-class demonstrations: 20-50 coding problems done during each class meeting

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.	Writing 0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Coding problems	Problem solving 0 - 10%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Coding demonstrations	Skill Demonstrations 5 - 10%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes, final exam	Exams 70 - 95%

Other: Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation	Other Category 0 - 10%

Representative Textbooks and Materials:
Basic ICD-10-CM and Coding. 5th ed. Schraffenberger, Lou Ann. AHIMA. 2015
Instructor prepared materials