

**MA 167B Course Outline as of Fall 2012****CATALOG INFORMATION**

Dept and Nbr: MA 167B Title: INTER DIAG CODING

Full Title: Intermediate Diagnostic and Procedural Coding

Last Reviewed: 3/12/2012

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.00	17.5	Lecture Scheduled	17.50
Minimum	1.50	Lab Scheduled	2.00	8	Lab Scheduled	35.00
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 35.00

Total Student Learning Hours: 87.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: MA 67B

**Catalog Description:**

Continuation of MA 167A, Basic Diagnostic Coding, with emphasis on intermediate ICD-9-CM (International Classification of Diseases, 9th edition, Clinical Modification) diagnostic coding, and ICD-9-CM and CPT (Current Procedural Terminology) procedure coding. Both coding systems will be used in coding various types of ambulatory cases, such as physician office records, outpatient surgery records, and emergency department records, as well as some inpatient cases.

**Prerequisites/Corequisites:**

Course Completion of MA 167A and MA 169

**Recommended Preparation:**

Eligibility for ENGL 1A or equivalent

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Continuation of MA 167A, Basic Diagnostic Coding, with emphasis on intermediate ICD-9-CM (International Classification of Diseases, 9th edition, Clinical Modification) diagnostic coding, and ICD-9-CM and CPT (Current Procedural Terminology)

procedure coding. Both coding systems will be used in coding various types of ambulatory cases, such as physician office records, outpatient surgery records, and emergency department records, as well as some inpatient cases. (Grade Only)

Prerequisites/Corequisites: Course Completion of MA 167A and MA 169

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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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### **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. Code procedures related to all major body systems using ICD-9-CM.
2. Code obstetrical and newborn diagnoses and procedures with ICD-9-CM.
3. Cite the definitions for principal diagnosis, complications, co-morbidities, principal procedure, and significant procedures.
4. Correctly choose and code the principal diagnosis and the principal procedure.
5. Correctly choose, code, and sequence secondary diagnoses and secondary procedures.

### **Topics and Scope:**

1. Health Information Ethics
  - a. Code of Ethics
  - b. Standards of Ethical Coding
2. Procedural Coding
  - a. Organization of tabular list
  - b. Organization of alphabetical index
  - c. ICD-9-CM conventions
    1. Code also
    2. Omit code
  - d. Coding the operative approach
  - e. Codes for endoscopic procedures
  - f. Coding cancelled surgeries
  - g. Coding incomplete procedures

- h. Coding failed procedures
  - i. Codes for biopsy with extensive surgical procedures
  - j. Codes for closed biopsy procedures
  - k. Bilateral procedural coding
  - l. Coding computer-assisted or robotic-assisted procedures
  - m. Definition and selection of the principal procedure and secondary procedures
  - n. Steps for procedural coding
3. Introduction to the Prospective Payment System (PPS) and the Uniform Hospital Discharge Data Set (UHDDS)
- a. History and purpose of UHDDS
  - b. Components of UHDDS
  - c. UB-04 claim form
  - d. Definition and selection of the principal diagnosis
  - e. Definition and reporting of complications, co-morbidities, and other additional diagnoses
  - f. Prospective payment system (PPS)
  - g. Quality improvement organizations
  - h. Recovery audit contractors (RACs)
  - i. Coding for medical necessity
4. Neoplasm-Related Procedures
5. Procedures of the Nervous System and Sense Organ
6. Cardiovascular Procedures
- a. Cardiac catheterizations
  - b. Percutaneous transluminal coronary angioplasty (PTCA)
  - c. Coronary artery bypass graft (CABG)
  - d. Cardiac pacemakers
  - e. Automatic implantable cardioverter defibrillators (AICD)
7. Respiratory Procedures
- a. Endoscopic procedures
  - b. Mechanical ventilation
8. Gastrointestinal Procedures
- a. Hernia repair
  - b. Endoscopic procedures
  - c. Ostomies
  - d. Resection and anastomosis
  - e. Laparotomy
  - f. Adhesion barrier
9. Procedures of the Genitourinary System
10. Complications and Procedures of Pregnancy, Childbirth, and the Puerperium
- a. Abortion
  - b. Early onset of delivery
  - c. Pregnancy
  - d. Normal delivery
  - e. Outcome of delivery
  - f. Obstetrical and non-obstetrical complications
  - g. Labor and delivery
  - h. Obstetrical procedures
11. Congenital Anomalies and Certain Conditions Originating in the Perinatal Period
- a. Newborn coding
  - b. Infant coding
  - c. Common congenital anomalies
  - d. Perinatal conditions
12. Operations on the Breast, Skin, and Subcutaneous Tissue

13. Procedures of the Musculoskeletal System and Connective Tissue
14. Injury-Related Procedures
15. Official Guidelines for Coding and Reporting
16. Coding of Inpatient and Outpatient Medical Records

**Assignment:**

1. Homework problems and in-class demonstrations: 30-50 coding problems assigned at each class meeting.
2. Reading: 10-25 pages of reading assigned at each class meeting.
3. 2-4 quizzes.
4. Final exam.

**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:**

- ICD-9-CM Basic Coding, Shraffenberger, L., 2012 (or current year)
- ICD-9-CM Coding Book, 2012 (or current year)
- CPT Coding Book, 2012 (or current year)