

**Course Outcomes Guide
Spring 2016**

Course/Program Title: MAP 108 Medical Record Analysis & Coding

Date: 5/20/2016 SU15, FA15 and SP16 semesters

Course/Program Team: Melanie Rowland, Dana Shetler, Jamaica Wiley

Expected Learning Outcomes:

1. Utilize current ICD, CPT and HCPCS code books to accurately convert physician practice medical record source document information into codes for purposes of billing and reimbursement.
2. Utilize knowledge of concepts of medical necessity, correct coding initiative guidelines, and documentation requirements to develop accurate and appropriate coding for various clinical situations.
3. Apply knowledge of CMS reimbursement methodologies and documentation regulations to develop accurate and appropriate coding for various clinical situations.

Assessment

Course completion: Number passing at 75% or greater.

Course Outcomes: Common final exam for item analysis:

CO1 Diabetic gangrene w/ amputation
CO1 HX Malignant neoplasm
CO1 Relocate pacemaker pocket
CO2 External cause codes
CO2 Correct coding edits
CO2 Medicare funds
CO3 Sepsis coding
CO3 Evaluation & Management Coding
CO3 Physician coding system

Validation

Completion of course with an average grade of 75% or higher.

Course Outcomes:

Course outcome target final exam questions will be answered correctly by 75% of the students.

Results

Course Completion:

88% (21/24 students) completed the course with a grade of 75% or higher.
12% (3/24 students) did not complete the course with a grade higher than 75%.

Course Outcomes:

CO1	Diabetic gangrene w/ amputation	77%
CO1	HX Malignant neoplasm	64%
CO1	Relocate pacemaker pocket	92%
CO2	External cause codes	92%
CO2	Correct coding edits	79%
CO2	Medicare funds	55%
CO3	Sepsis coding	54%
CO3	Evaluation & Management Coding	87%
CO3	Physician coding system	83%

Follow-up

There have been significant challenges to the Medical Coding and Reimbursement Specialist program beginning in the Spring of 2015. There has been turnover in the adjunct staff coding instructor position for MAP 108. Each of the instructors have introduced syllabus changes, lecture structure changes, and content changes. There have been both successes and failures long the way. Based on the data presented here, the following activities will continue:

Students complete workbook activities prior to coming to the class where those problems will be discussed to allow more training time in the classroom.

Students will be required to complete a certain percentage of end of chapter review questions for extra credit. Homework will continue to be worksheets in the Moodle course.

Additional homework questions in each problem area will be added to the Moodle homework worksheets in that area with in class review and discussion.