Course Outcomes Guide  
Spring 2016

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

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

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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 along 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.