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

Date: 5/14/2015 SU14, FA15 and SP15 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:

- CO1 Diabetic gangrene w/ amputation
- CO1 Temporary transvenous pacemaker
- CO1 History cancer; follow up colonoscopy
- CO2 Correct coding edits
- CO2 Coding error reduction
- CO2 UDDS definition
- CO3 Sepsis coding
- CO3 Evaluation & Management Coding
- CO3 Physician coding system CPT

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:

89% (39/44 students) completed the course with a grade of 75% or higher.
11% (5/44 students) did not complete the course with a grade higher than 75%. Of these, 1 was a “walk away” F grades.

Course Outcomes:

<table>
<thead>
<tr>
<th>CO1</th>
<th>Diabetic gangrene w/amputation</th>
<th>71%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO1</td>
<td>Temporary transvenous pacemaker</td>
<td>69%</td>
</tr>
<tr>
<td>CO1</td>
<td>History cancer; follow up colonoscopy</td>
<td>52%</td>
</tr>
<tr>
<td>CO2</td>
<td>Correct coding edits</td>
<td>88%</td>
</tr>
<tr>
<td>CO2</td>
<td>Coding error reduction</td>
<td>51%</td>
</tr>
<tr>
<td>CO2</td>
<td>UDDS definition</td>
<td>81%</td>
</tr>
<tr>
<td>CO3</td>
<td>Sepsis coding</td>
<td>59%</td>
</tr>
<tr>
<td>CO3</td>
<td>Evaluation &amp; Management Coding</td>
<td>47%</td>
</tr>
<tr>
<td>CO3</td>
<td>Physician coding system CPT</td>
<td>88%</td>
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</tbody>
</table>

Follow-up

To improve the results in all outcomes not meeting their targets, the instructors will require the following beginning during the summer 2015 semester.

Students complete workbook activities prior to coming to the class where those problems will be discussed to allow more discussion/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.