Course Outcomes Guide  
Spring 2012

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

Date:  5/20/13    Spring 2013 semester

Course/Program Team:  Melanie Rowland, Dana Shetler, Ellan Beard

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 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:

93% (14/15 students) completed the course with a grade of 75% or higher.

Course Outcomes:

<table>
<thead>
<tr>
<th>CO1</th>
<th>Diabetic gangrene w/ amputation</th>
<th>73%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO1</td>
<td>Temporary transvenous pacemaker</td>
<td>40%</td>
</tr>
<tr>
<td>CO1</td>
<td>History cancer; follow up colonoscopy</td>
<td>40%</td>
</tr>
<tr>
<td>CO2</td>
<td>Correct coding edits</td>
<td>93%</td>
</tr>
<tr>
<td>CO2</td>
<td>Coding error reduction</td>
<td>40%</td>
</tr>
<tr>
<td>CO2</td>
<td>UDDS definition</td>
<td>87%</td>
</tr>
<tr>
<td>CO3</td>
<td>Sepsis coding</td>
<td>87%</td>
</tr>
<tr>
<td>CO3</td>
<td>Evaluation &amp; Management Coding</td>
<td>80%</td>
</tr>
<tr>
<td>CO3</td>
<td>Physician coding system CPT</td>
<td>93%</td>
</tr>
</tbody>
</table>

Follow-up

To improve results for the course outcome 1 questions where students did not meet the target goal, more in class examples and exercises will be incorporated into class time.

To improve results for course outcome 2, correct coding edits, the federal whitepaper discussing the issue will be presented and discussed in class.

Budget Justification

None at this time.