

<p style="text-align: center;"><b>Course Outcomes Guide Spring 2015</b></p>
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**Course/Program Title:** MAP 206 Advanced Coding

**Date:** 5/14/2015 SU14, FA14, and SP15 semesters

**Course/Program Team:** Melanie Rowland, Melinda McIntire

**Expected Learning Outcomes:**

1. Utilize current ICD, CPT and HCPCS code books to accurately convert medical specialty and hospital medical record source document information into codes for purposes of billing and reimbursement.
2. Apply concepts of medical necessity, correct coding initiative guidelines, local coverage determinations and documentation requirements to develop accurate and appropriate coding in both hospital and non-hospital settings.
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:

CO 1 Complex wound repair  
CO 1 History of Breast Cancer  
CO 1 CPT code breast mass  
CO 2 Type of Fracture  
CO 2 Fracture unsuccessful reduction  
CO 2 Ambulance Services  
CO 3 Bronchoscopy w/Fluoroscopy  
CO 3 Modifier multiple hospital OP depts. One day  
CO 3 Fracture manipulation

**Validation**

**Course Completion:**

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

**Course Outcomes:**

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

## **Results**

### **Course Completion:**

100% (21/21 students) completed course with a grade of 75% or higher.

### **Course Outcomes:**

CO 1	Complex wound repair	91%
CO 1	History of Breast Cancer	95%
CO 1	CPT code breast mass	53%
CO 2	Type of Fracture	95%
CO 2	Fracture unsuccessful reduction	81%
CO 2	Ambulance Services	95%
CO 3	Bronchoscopy w/Fluoroscopy	100%
CO 3	Modifier multiple hospital OP depts. One day	95%
CO 3	Fracture manipulation	100%

## **Follow-up**

The transition to the ICD10-CM code set was completed during academic year 2014-15 with no major drop in outcomes performance. CO 1 CPT coding requires additional coverage in class for both training, discussion and exercises to reinforce the concept.