



### **Course Description**

#### **HIM2234L | Advanced Coding & Reimbursement Systems Laboratory | 1.00 credit**

This course is designed to apply and compute Prospective Payment Systems categories. Students will learn to apply health record documentation to identify and validate correct code and payment assignments. Focus is on computation of MS-DRGs, APCs and Case-Mix Index using encoder, grouper, and electronic billing software for reimbursement. Prerequisites: HIM 2222, 2222L; corequisite: HIM 2234.

### **Course Competencies:**

**Competency 1:** The student will demonstrate knowledge of compiling a case-mix index by:

1. Defining DRG and list essential components
2. Calculating relative weights
3. Computing data totals to derive the case mix index

**Competency 2:** The student will demonstrate competency in applying the Official Guidelines for Coding and Reporting and ICD-10 CM/PCS coding emphasizing UHDDS definitions, proper sequencing of principal diagnosis code, and verifying through clinical documentation by:

1. Adhering clinical vocabularies and recognizing its impact on the coding process
2. Researching the Unified Medical Language System as it applies to the health record
3. Applying the principles of classification and Uniform Hospital Discharge Data Set (UHDDS) and Uniform Ambulatory Core Data Set (UACDS) definitions as they apply to coding using ICD-10 and CPT/ HCPCS

**Competency 3:** The student will demonstrate knowledge and apply skills as a health information technician in monitoring coding data quality by:

1. Adhering to compliance standards for external reporting
2. Validating code assignments through encoder/grouper software under quality indicators
3. Describing the infrastructure databases used in the Data Quality Improvement Program and Coding Compliance Plan

### **Learning Outcomes:**

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Use computer and emerging technologies effectively