

Master Syllabus

HIM 2144 - Quality Improvement, Statistics & Research

Division: Health Sciences

Department: Health Information Management

Credit Hour Total: 3.0

Lecture Hrs: 2.0 **Lab Hrs:** 2.0

Prerequisite(s): HIM 1110 AND BIS 1221 AND MAT 1130

Other Prerequisite(s): AND Restricted to Majors , OR Other Any approved OTM Math

Date Revised: July 2017

Course Description:

Organization and analysis of data in health care quality programs including quality assessment and monitoring, utilization and risk management and medical staff credentialing. Theory and application of health care statistics including data definitions, computation of formulae and research principles. Two classroom, two lab hours per week.

General Education Outcomes:

- Critical Thinking/Problem Solving Competency
- Values/Citizenship/Community Competency
- Oral Communication Competency

Course Outcomes:

Data Elements & Sources

Identify the standard statistical data elements and their sources in the healthcare setting including those used for vital statistics, research and managerial analysis.

Assessment Method: Locally developed exams
Performance Criteria: Score of 77% or higher

Data Collection, Presentation & Analysis

Demonstrate the ability to use the data collection, presentation, and analysis tools of process improvement.

Assessment Method: Locally developed exams
Performance Criteria: Score of 77% or higher

Assessment Method: Simulations
Performance Criteria: Score of 77% or higher

Monitoring & Reporting

Create monitoring, collection and reporting procedures for health record documentation and coding compliance.

Assessment Method: Locally developed exams
Performance Criteria: Score of 77% or higher

Assessment Method: Simulations
Performance Criteria: Score of 77% or higher

Professional Behavior

Demonstrate the professional behaviors, attitudes, and values consistent with and appropriate to the entry-level HIM professional.

Assessment Method: Behavioral observations
Performance Criteria: Score of 77% or higher

Assessment Method: Performance appraisals
Performance Criteria: Score of 77% or higher

Healthcare Quality Improvement Programs

Describe the structure, organization and processes of a healthcare quality improvement program.

Assessment Method: Locally developed exams
Performance Criteria: Score of 77% or higher

Data Calculation & Accuracy

Compute healthcare statistics by selecting the correct formulae and identifying and entering the required data from data sources.

Assessment Method: Locally developed exams
Performance Criteria: Score of 77% or higher

Joint Commission Standards

Articulate the standards of the Joint Commission regarding process improvement and credentialing and describe how those align with other regulatory mandates.

Assessment Method: Focus groups
Performance Criteria: Score 77% or higher

Assessment Method: Locally developed exams
Performance Criteria: Score 77% or higher

Outline:

Healthcare Quality Program Requirements and Structure
Data Collection, Analysis and Reporting
Patient Safety and Risk Management
Utilization Management and Medical Staff Credentialing
Healthcare Statistics and Definitions
Vital and Research Statistics