



### **Course Description**

#### **HIM2500 | Data Management & Quality Assessment | 2.00 credits**

The basic principles of quality assessment: quality improvement and utilization review. The accreditation process, risk management, managed care models, and the methodologies and relationships of these key areas within a health care facility are emphasized. Prerequisites: HIM1110, 1110L; Corequisite: HIM2500L.

### **Course Competencies:**

**Competency 1:** The student will be able to demonstrate an understanding of the need for data collection and analytics while focusing on the quality improvement process, instrument tools, effective teamwork, and displaying data by:

1. Defining performance improvement and model
2. Explaining the effectiveness of teamwork in the performance process
3. Citing concepts of benchmarking
4. Presenting data in graphical displays using spreadsheets
5. Explaining data quality concepts and their role in the Health Information profession
6. Identifying critical components of performance improvement processes
7. Describing the purposes and objectives of performance improvement activities in health information management organizations
8. Identifying data required to verify and evaluate an individual's abilities to carry out patient care activities
9. Explaining the importance and impact of compliance governing Patient's Rights

**Competency 2:** The student will engage in performance improvement techniques and recognize regulatory agencies and governmental compliance laws by:

1. Identifying customers, patterns, or trends in data
2. Distinguishing the best methods to measure outcomes and processes
3. Explaining community needs assessment in health maintenance organization
4. Identifying the role of case management in the continuum of care
5. Listing the core measure produced by the Joint Commission
6. Determining the need for a Gantt chart in project management
7. Citing core processes in the Patient Care Process Cycle
8. Examining steps to Optimize Patient Care
9. Explaining concepts of evidence-based medicine, risk exposure, adverse effects of healthcare-associated infections (HAI), and community-acquired infections (CAI)
10. Listing proven approaches to error analysis and reduction performance tools

**Competency 3:** The student will learn the importance of change management in the quality improvement process by:

1. Identifying five experts in quality improvement and relating their philosophy
2. Identifying four phases of the project team
3. Identifying change management and its impact on performance improvement
4. Examining factors causing project management projects to fail
5. Describing the importance of strategic planning in Performance Improvement

### **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data