Healthcare Information Technology – C987

Overview

Healthcare Information Technology provides an opportunity to examine the use of technology in data analysis and applications to improve outcomes in a patient-centered care environment. Students will apply strategic analysis to improve technology function and interoperability within a community healthcare cooperative. This course has no prerequisites.

Competencies

- **Data Methodologies**
  The graduate assesses a variety of analytical data methodologies to promote and advance organizational healthcare.

- **Innovative Solutions**
  The graduate develops innovative solutions that use various models to address future challenges and emerging opportunities in the healthcare industry.

- **Influences on Quality Improvement**
  The graduate evaluates a healthcare leader’s role in quality improvement to determine the situational, environmental, economic, and regulatory factors within a healthcare organization.

- **Key Concepts of Quality Improvement**
  The graduate examines the theories, principles, data, and tools of quality improvement to determine how quality is defined, measured, assessed, and monitored in a healthcare organization.

- **Quality Management**
  The graduate proposes organizational sustainability plans by using quality management principles and strategies.

- **Data Application**
  The graduate evaluates the value, source, and appropriate application of the data that will affect risk, compliance, quality, policy, populations, finance, and economic factors within a healthcare organization.

- **Data Quality and Security**
  The graduate explains how laws, standards, tools, techniques, and procedures are used to maintain data quality and security within an administrative healthcare environment.

- **Technology Systems & Data Collection Strategies**
  The graduate examines types of health information technology systems and strategies for data collection and management, including best practices for evaluating information systems for use in a healthcare organization.

- **Healthcare Technology**
  The graduate evaluates the challenges and opportunities in healthcare technology to promote better healthcare services.

Learning

Getting Started

Welcome to Healthcare Information Technology! This course’s area of study is about examining health information technologies. You will explore the Discover section, complete the Engage activities, and complete the course assignment worksheets. The assignments are designed to build the skills you need to complete the performance assessment. There are also leadership development activities in the Assessment section that will help you improve as a leader and a professional. To help you track your progress in the course, use the pacing guide located in the Course Information section. To get started, click “Go to Course Material.”

Assessments

- **Performance Assessment: Healthcare Information Technology**
  Status: Not Attempted
  Code: RNP2

Course Information

Book a Course Instructor Appointment
<table>
<thead>
<tr>
<th>Course Instructor Group</th>
<th><a href="mailto:mhl@wgu.edu">mhl@wgu.edu</a></th>
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</thead>
<tbody>
<tr>
<td>Announcements</td>
<td></td>
</tr>
<tr>
<td>Course Tips</td>
<td></td>
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<tr>
<td>Course Search</td>
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