

**Course Objectives/Course Outline
Spokane Community College**

Course Title: HIM Systems Analysis, Implementation and Maintenance

Prefix and Course Number: HIM 221

Course Learning Outcomes:

By the end of this course, a student should be able to:

- This course gives an overview of the healthcare information management systems lifecycle, including analysis planning and design, selection and acquisition, implementation and management, and testing and evaluation.
- The focus is on best practices and standards that guide effective implementation and maintenance of information systems to support clinical processes and workflow in healthcare organizations.

Course Outline

- I. Health Information Management Systems Analysis, Planning and Design
- II. Clinical Process and Workflow Analysis
- III. Business, User and Technical Requirements
- IV. Usability and Human Factors
- V. Health IT Project Management
- VI. Health Information Systems Selection
- VII. Health Information management Systems Acquisition
- VIII. Interoperability Standards and Certification
- IX. Health Information management Systems Implementation
- X. End User Training and Support
- XI. Health Information Management Systems Monitoring and Maintenance
- XII. Testing Methodology and Planning
- XIII. Testing Implementation and Documentation