

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS
DRAFT

Course Number: HIT-145

Department: Health Information
Technologies

Course Title: Healthcare Informatics

Semester: Fall Year: 2015

Course Objective	Competencies
<p>The focus is on demonstrating knowledge in of the following areas:</p> <ol style="list-style-type: none">1. Understanding the area of healthcare information systems.2. Obtaining an in-depth and comprehensive view of health information technology and the functions of a healthcare organization; including its business operations, IT hardware, software, networking and security.3. Understanding the management of health data and information through the application of computers and computer technologies.	<ol style="list-style-type: none">1. Use technology, including hardware and software, to ensure data collection, storage, analysis, and reporting of information.2. Use common software applications such as spreadsheets, databases, word processing, graphics, presentations, e-mail, and so on in the execution of work processes.3. Use specialized software in the completion of HIM processes such as record tracking, release of information, coding, grouping, registries, billing, quality improvement, and imaging.4. Apply policies and procedures to the use of networks, including intranet and internet applications, to facilitate the electronic health record, personal health record, public health, and other administrative applications.5. Participate in the planning, design, selection, implementation, integration, testing, evaluation, and support for EHRs.6. Apply confidentiality and security measures to protect electronic health information.7. Protect data integrity and validity using software or

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	<p>hardware technology.</p> <ol style="list-style-type: none">8. Use departmental and organizational data and information system security policies.9. Use and summarize data compiled from audit trails and data quality monitoring programs.