

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS
DRAFT

Course Number: HIT-126

Department: Health Information
Technologies

Course Title: Strategic Health Information
Technology

Semester: Fall

Year: 2015

Course Objective	Competencies
The focus is on demonstrating knowledge of Health Care Statistics, Research and Performance Improvement	<ol style="list-style-type: none">1. Collect, maintain and report data for clinical indices/databases/registries to meet specific organization needs such as medical research and disease registries.2. Collect, organize and present data for quality management, utilization management, risk management and other related studies.3. Comprehend basic descriptive , institutional and healthcare vital statistics.4. Understand descriptive statistics (means, frequencies, etc.) and illustrate statistics use with healthcare data.5. Abstract and report data for facility-wide quality management and performance improvement programs.6. Analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of healthcare.7. Illustrate the use of quality assessment and improvement in healthcare and quality monitoring requirements.8. Understand how outcomes measures and monitoring are used in healthcare.9. Understand the areas of Utilization Management, Risk

Course Objective	Competencies
<p>The focus is on demonstrating knowledge of Fundamentals of Electronic Information Systems, Information Security, and the Electronic Health Record</p>	<p>Management, and Case Management.</p> <ol style="list-style-type: none"> 1. Describe the major concepts of an information system. 2. Differentiate between the various types of computers. 3. Describe the purpose of a database management system. 4. Describe the evolution of information systems in healthcare. 5. Understand the definition of the EHR and its various components. 6. Describe the elements of a data security program.
<p>The focus is on demonstrating knowledge of Legal and Ethical Issues in Health Information</p>	<ol style="list-style-type: none"> 1. Recognize and respond to health information ethical issues. 2. Identify legal issues related to ownership, control, and confidentiality of health information.