

Health Information Systems Specialist Certificate

This certificate program prepares the learner to provide user support of health information systems and design and deliver training programs to employees in clinical and public health settings. This certificate will also provide participants with the knowledge and skills to assist healthcare providers to design workflow and utilize electronic health records (EHRs) to meet government standards of quality reporting and quality improvement initiatives.

Health Information Systems Program web page (<http://www.jccc.edu/academics/credit/health-information-systems/>)

(Major Code 5330; CIP Code 51.0709)

Program Learning Outcomes

Johnson County Community College (JCCC) is committed to offering high-quality affordable programs that focus on developing knowledge and skills conducive to life-long learning. Both the General Education Student Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/learning-outcomes.html>) and Institutional Learning Outcomes (<https://www.jccc.edu/about/leadership-governance/administration/institutional-effectiveness-branch/outcomes-assessment/institutional-learning-outcomes.html>) convey JCCC's approach to programmatic outcomes. Additionally, students who successfully complete the Health Information Systems Certificate from JCCC will be able to:

- Utilize information technology necessary to support clinical processes and data.
- Analyze system workflows.
- Test, configure and maintain healthcare information systems.
- Train end-users for software use.
- Understand national policy reform including HIPAA, government incentive programs, information exchanges, consumer engagement and security regulations.
- Demonstrate proficiency in problem-solving.
- Embrace change for quality improvement through system analysis.
- Recognize the impact of customer service and technical support in the evolving healthcare environment for long-term impact.

Certificate Requirements

First Semester

Code	Title	Hours
HCIS 225	Healthcare Data Analytics	2
HCIS 235	Care Coordination and Interoperable Health IT Systems	2
HCIS 245	Population Health	2
HCIS 255	Technology Concepts and Cybersecurity in Healthcare	2
HCIS 262	Customer Service in the Health Environment	2
HCIS 263	Working with Health Information Technology (HIT) Systems	2
HCIS 272	Terminology in Health Care Settings	2
Total Hours		14

Second Semester

Code	Title	Hours
HCIS 264	Configuration and Implementation of Electronic Health Records	2
HCIS 265	Installation and Maintenance of Health IT Systems	2
HCIS 267	EHR Design, Functionality and Usability	3
HCIS 270 or HCIS 271	Health Information Systems Internship* The Culture of Healthcare	2
HCIS 273	Quality Improvement in Healthcare	2
HCIS 274	Healthcare Workflow Analysis and Redesign	2



or HCIS 277	Training and Instructional Design
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Total Hours

13

Total Program Hours: 27

* This course has registration requirements.