

Associate of Science with Emphasis in Health Information Systems

The health information systems degree program prepares students to support the health information systems industry usage of electronic health records and other technologies to improve the quality, efficiency, and security of patient records for improved care.

Health information systems professionals specialize in information technology necessary to support clinical processes and data, including roles which analyze system workflow, test-configure-maintain systems, and train end-users for software use. Trained professionals will understand national policy reform including HIPAA, government incentive programs, information exchanges, consumer engagement and security regulations. The health IT industry professional is highly motivated, proficient in problem-solving, embraces change for quality improvement through system analysis, and understands the impact of customer service and technical support in the evolving healthcare environment for long term impact.

Employment includes a wide variety of positions from employers such as hospital systems, clinics, health departments, provider practices, safety net providers, software vendors, consultants, third-party payers, medical device companies, non-profits, and government. The associate's degree provides opportunity for experienced healthcare or IT workforce to complete a degree in the specialized industry and springboard individuals new to healthcare information systems into one of the fastest growing industries today. A career pathway to 4-year institutions with health information systems emphasis will provide greater opportunity for potential career advancement.

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

(Major Code 2180: CIP Code 24.0101)

Associate of Science Degree

First Semester

| | | |
|-------------------------|--|-----------|
| COMS 120 or COMS 121 | Interpersonal Communication Public Speaking | 3 |
| ENGL 121 | Composition I* | 3 |
| HCIS 255 | Technology Concepts in Healthcare | 2 |
| HCIS 262 | Customer Service in the Health Environment | 2 |
| HCIS 263 | Working with Health Information Technology (HIT) Systems | 2 |
| MATH 171 | College Algebra* (or higher) | 3 |
| Total Hours | | 15 |

Second Semester

| | | |
|---|---|-----------|
| ENGL 122 | Composition II* | 3 |
| HCIS 225 | Healthcare Data Analytics | 2 |
| HCIS 235 | Care Coordination and Interoperable Health IT Systems | 2 |
| HCIS 272 | Terminology in Health Care Settings | 2 |
| PHIL 124 | Logic and Critical Thinking | 3 |
| Lab Science Elective^ | | 4 |
| Note: Biology course recommended, refer to your transfer school for best selection. | | |
| Total Hours | | 16 |

Third Semester

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|-------------------------|--|-----------|
| 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 274 or HCIS 277 | Healthcare Workflow Analysis and Redesign Training and Instructional Design | 2 |
| PSYC 130 | Introduction to Psychology | 3 |
| SOC 122 | Introduction to Sociology | 3 |
| Total Hours | | 15 |

Fourth Semester

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|---|---|---|
| HCIS 245 | Population Health | 2 |
| HCIS 273 | Quality Improvement in Healthcare | 2 |
| HCIS 270 or HCIS 271 | Health Information Systems Internship* The Culture of Healthcare | 2 |
| Humanities Elective^ | | 3 |
| Science and/or Math Elective^ | | 5 |
| Note: MATH 172 or higher recommended, refer to your transfer school for best selection. Must meet the minimum of twelve credit hours for the math and science area. | | |

Total Hours **14**

Total Program Hours: 60

* This course has a registration requirement.

^ See all AS general education electives (<http://catalog.jccc.edu/degree requirements/associate-science/>)