Associate of Science with Emphasis in Health Information Systems

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The health information systems degree program prepares students to support the health information systems industry usage of electronic health records 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, meaningful use, 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 Technology (http://www.jccc.edu/academics/computers/hitech)

(Major Code 2180: State CIP Code 24.0101)

First Semester

HCIS 230	Introduction to Health Information Systems*	2
HCIS 255	Introduction to Information and Computer Science*	2
HCIS 262	Customer Service in the Health Environment*	2
CPCA 110	Spreadsheets I: MS Excel*	1
CPCA 111	Spreadsheets II: MS Excel*	1
SPD 121	Public Speaking	3
MATH 171	College Algebra*	3
ENGL 121	Composition I*	3
Total Hours		17

Second Semester

HCIS 267	EHR Design, Functionality, and Usability*	3
HCIS 271	The Culture of Health Care*	2
HCIS 272	Terminology in Health Care Settings*	2
CPCA 114	Databases I: MS Access*	1
CPCA 115	Databases II: MS Access*	2
ENGL 122	Composition II*	3
Science and/or Math Elective^		4
Note: Biology course recommended, refer to your transfer school for best selection.		
Total Hours		17

^ Science and/or Math Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/sci-and-math-as)

Third Semester (Workflow Management Option)

HCIS 263	Working with Health Information Technology (HIT) Systems*	2
HCIS 273	Quality Improvement*	2
HCIS 274	Healthcare Workflow Process Analysis and Redesign*	2
PHIL 124	Logic and Critical Thinking	3
PSYC 130	Introduction to Psychology	3
SOC 122	Introduction to Sociology	3

Physical Education Elective ^	1
Total Hours	16

^ Physical Education Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/health-and-or-physical-ed-aas)

Third Semester (Implementation and Support Option)

HCIS 263	Working with Health Information Technology (HIT) Systems*	2
HCIS 264	Configuring Electronic Health Records*	2
HCIS 265	Installation and Maintenance of Health IT Systems*	2
PHIL 124	Logic and Critical Thinking	3
PSYC 130	Introduction to Psychology	3
SOC 122	Introduction to Sociology	3
Physical Education Elective ^		1
Total Hours		16

^ Physical Education Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/health-and-or-physical-ed-aas)

Fourth Semester - (Workflow Management Option)

HCIS Elective (see below)		1-2
HCIS 277	Training and Instructional Design*	2
MIRM 142	Legal and Ethical Issues in Healthcare	3
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		14-15

^ Humanities Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/humanities-aas)

^^ Science and/or Math Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/sci-and-or-math-aas)

Fourth Semester - (Implementation and Support Option)

HCIS Elective (see below)		1-2
HCIS 261	Networking and Health Information Exchange*	2
MIRM 142	Legal and Ethical Issues in Healthcare	3
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		14-15

^ Humanities Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/humanities-aas)

^^ Science and/or Math Elective (http://catalog.jccc.edu/spring/degreecertificates/electives/sci-and-or-math-aas)

HCIS Electives

HCIS 261	Networking and Health Information Exchange*	2
HCIS 264	Configuring Electronic Health Records*	2
HCIS 265	Installation and Maintenance of Health IT Systems*	2
HCIS 270	Health Information Systems Internship*	2
HCIS 273	Quality Improvement*	2
HCIS 274	Healthcare Workflow Process Analysis and Redesign*	2
HCIS 275	Health Information Systems*	2
HCIS 292	Special Topics:*	1-2

Total Program Hours: 64-65