Computer Information Science
Associate in Applied Science Degree (AAS)

At a Glance

The Computer Information Science program is designed to prepare students to be successful or enhance their careers in select, high-demand, information technology fields. Special emphasis is placed on the knowledge and skills needed in the small business computer environment. In addition, this program provides a solid foundation for those considering transferring to a senior institution.

Students should consult with an advisor or the faculty teaching in their discipline with regard to the suggested sequence for scheduling of courses.

General Education & Elective Courses		CREDITS
CIS 146	Microcomputer Applications	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra	3
MTH 112	Precalculus Algebra	3
ORI 105	Orientation & Student Success	3
SPH 106	Fundamentals of Oral Communication	3
History, Social and Behavioral Science Elective		3
Humanities and Fine Arts Elective		3
Natural Science Elective*		3-4
Total General Education & Elective Credit Hours		**27-28**

Technical Major Courses		CREDITS
CIS 130	Introduction to Information Systems	3
CIS 150	Introduction to Computer Logic and Programming	3
CIS 199	Network Communications	3
CIS 268	Software Support	3
CIS 269	Hardware Support	3
Business Electives (BUS prefix as listed in Catalog)		3-6
Computer Science Electives (CIS prefix as listed in Catalog)		15-18
Total Technical Major Credit Hours		**33-39**

TOTAL CREDIT HOURS 60-67

Computer Information Science
Certificate (CER)

While pursuing the Computer Information Science AAS degree and upon successful completion of the courses identified below, the stackable Computer Information Science Short-Term Certificate will be awarded to students.

		CREDITS
CIS 146	Microcomputer Applications	3

ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra	3
MTH 112	Precalculus Algebra	3
ORI 105	Orientation & Student Success	3
SPH 106	Fundamentals of Oral Communication	3
BUS 241	Principles of Accounting I	3
CIS 130	Introduction to Information Systems	3
CIS 150	Introduction to Computer Logic and Programming	3
CIS 191	Introduction to Computer Programming Concept	3
CIS 199	Network Communications	3
CIS 207	Introduction to Web Development	3
CIS 268	Software Support	3
CIS 269	Hardware Support	3
CIS 281	Systems Analysis and Design	3
Computer Science Electives (CIS prefix listed in Catalog)		15
Total Credit Hours		**60**

Cyber Security
Short-Term Certificate (STC)

While pursuing the Computer Information Science AAS degree and upon successful completion of the courses identified below, the stackable Cyber Security Short-Term Certificate will be awarded to students.

		CREDITS
CIS 246	Ethical Hacking	3
CIS 280	Network Security	3
CIS 282	Computer Forensics	3
Total Credit Hours		**9**

Network & Support
Short-Term Certificate (STC)

While pursuing the Computer Information Science AAS degree and upon successful completion of the courses identified below, the stackable Network & Support Short-Term Certificate will be awarded to students.

		CREDITS
CIS 199	Network Communications	3
CIS 268	Software Support	3
CIS 269	Hardware Support	3
Computer Science Electives (with CIS prefix listed in Catalog)		3
Total Credit Hours		**12**

Graphics & Web Design
Short-Term Certificate (STC)

While pursuing the Computer Information Science AAS degree and upon successful completion of the courses identified below, the stackable Graphics & Web Design Short-Term Certificate will be awarded to students.

CREDITS

CIS 150	Introduction to Computer Logic and Programming	3
CIS 191	Introduction to Computer Programming Concept	3
CIS 199	Network Communications	3
CIS 207	Introduction to Web Development	3
CIS 209	Advanced Web Development	3
Total Credit Hours		**15**