

A.A.S. - Computer Information Systems: CISCO Networking option

The CISCO Networking option prepares students for industry-recognized certification by using materials and curriculum that have been designed for the CCNA Program.

	credit hours
Area I: Written Composition	6
ENG 101 English Composition I	3
BUS 215 Business Communications (preferred)	3
or ENG102 English Composition II	3
Area II: Humanities and Fine Arts	6
SPH 107 Fundamentals of Public Speaking	3
or SPH 106 Fundamentals of Oral Communication	3
*Humanities/Fine Arts Elective	3
Area III: Natural Science and Mathematics	9
MTH 100 Intermediate College Algebra (or higher level MTH)	3
CIS 150 Introduction to Computer Logic and Programming	3
CIS 146 Microcomputer Applications	3
Area IV: History, Social, and Behavioral Sciences	3
GEO, HIS, POL, PSY, or SOC Elective	3
or BUS 189 Human Relationships	3
Area V: Preprofessional, major, and elective courses	39
<i>Required Computer Information Systems core</i>	<i>15</i>
CIS 130 Introduction to Information Systems	3
CIS 149 Introduction to Computers	3
CIS 185 Computer Ethics	3
CIS 268 Software Support	3
CIS 269 Hardware Support	3
<i>Required Networking core</i>	<i>12</i>
CIS 270 CISCO 1	3
CIS 271 CISCO 2	3
CIS 272 CISCO 3	3
CIS 273 CISCO 4	3
<i>Electives</i>	<i>12</i>
**CIS courses	12
Additional degree requirements	3
***ORI 101 Orientation to College	1
WKO 101 Workplace Skill Development I	2
Total	66

* Students must choose from among the courses listed on page 78.

** Students may elect to take BUS 105 as a CIS elective.

*** Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.

A.A.S. - Computer Information Systems: Information Technology option

The Information Technology option is provides the necessary competencies for individuals to be employed as computer programmers within the information technology industry.

	credit hours
Area I: Written Composition	6
ENG 101 English Composition I	3
BUS 215 Business Communications (preferred)	3
or ENG102 English Composition II	3
Area II: Humanities and Fine Arts	6
SPH 107 Fundamentals of Public Speaking	3
or SPH 106 Fundamentals of Oral Communication	3
*Humanities/Fine Arts Elective	3
Area III: Natural Science and Mathematics	9
MTH 100 Intermediate College Algebra (or higher level MTH)	3
CIS 150 Introduction to Computer Logic and Programming	3
CIS 146 Microcomputer Applications	3
Area IV: History, Social, and Behavioral Sciences	3
GEO, HIS, POL, PSY, or SOC Elective	3
Area V: Preprofessional, major, and elective courses	40
<i>Required Computer Information Systems core</i>	<i>15</i>
CIS 130 Introduction to Information Systems	3
CIS 149 Introduction to Computers	3
CIS 185 Computer Ethics	3
CIS 268 Software Support	3
CIS 269 Hardware Support	3
<i>Required Information Technology core</i>	<i>16</i>
CIS 191 Introduction to Computer Programming Concepts	3
and CIS 193 Introduction to Computer Programming Lab	1
or CIS 212 Visual Basic Programming	3
and CIS 210 Case Study in Computer Skills Application	1
CIS 270 CISCO 1	3
CIS 275 Workstation Administration	3
CIS 276 Server Administration	3
CIS 280 Network Security	3
<i>Electives</i>	<i>9</i>
**CIS or VCM courses	9
Additional degree requirements	3
***ORI 101 Orientation to College	1
WKO 101 Workplace Skill Development I	2
Total	67

* Students must choose from among the courses listed on page 78.

** Students may elect to take BUS 105 as a CIS elective.

*** Students may use ORI 105, Orientation and Student Success, to satisfy this requirement. Enrollment in this three credit-hour class will add two semester hours to the student's program total.