

# Computer Information Systems Network Specialist Option



## Semester Outline

20 Months Credits Required for Graduation: 76.5  
Associate of Applied Science (A.A.S.) Degree

2009 – 2010 Revised: 6/09

### Fall Semester

Course Number	Course Title	Clock Hours	Credits
<a href="#">CIS 100</a>	PC Maintenance	84	3
<a href="#">CIS 126</a>	Computer Software Applications/CIS	84	3
<a href="#">CIS 132</a>	Intro to Computer Programming	84	3
<a href="#">CIS 140</a>	Database Design and SQL	84	3
<a href="#">NET 101</a>	Network Cabling	48	3
<a href="#">NET 111</a>	Networking for Home and Small Business	84	3
Totals		504	18

### Spring Semester

Course Number	Course Title	Clock Hours	Credits
<a href="#">CIS 141</a>	Web Design and Maintenance	84	3
<a href="#">CIS 160</a>	UNIX Operating System	84	3
<a href="#">NET 115</a>	Networking Basics	84	3
<a href="#">NET 121</a>	CCNA 2 – Routers and Routing Basics	84	3
<a href="#">AED 100</a>	Automated External Defibrillator	14	.5
• <a href="#">EN 110</a> <a href="#">ENGL 101</a>	Communications Elective (Choose 1)	48	3
• <a href="#">COMM 101</a> <a href="#">SPCM 101</a>	Communications Elective (Choose 1)	48	3
Totals		410	18.5

### Summer Session

Course Number	Course Title	Clock Hours	Credits
<a href="#">NET 131</a>	CCNA 3 – Switching Basics and Intermediate Routing	80	3
<a href="#">NET 141</a>	CCNA 4 – WAN Technologies	80	3
Totals		160	6

### Fall Semester

Course Number	Course Title	Clock Hours	Credits
<a href="#">CIS 215</a>	Cyber Security Fundamentals	84	3
<a href="#">CIS 260</a>	UNIX OS Administration	84	3
• <a href="#">ECON 105</a> <a href="#">ECON 201</a> <a href="#">SOC 100</a>	Social Science Elective (Choose 1)	48	3
• <a href="#">MATH 100</a> <a href="#">MATH 101</a> <a href="#">MATH 102</a>	Math Elective (Choose 1)	48	3
• <a href="#">PSYC 100</a> <a href="#">PSYC 101</a>	Behavioral Science Elective (Choose 1)	48	3
Totals		312	15

### Spring Semester

Course Number	Course Title	Clock Hours	Credits
<a href="#">CIS 200</a>	Advanced PC Maintenance A+ Certification	84	3
<a href="#">CIS 235</a>	Computer Crime Investigation	84	3
<a href="#">CIS 265</a>	Technical Communications	84	3
<a href="#">CIS 280</a>	Windows Server Administration	84	3
<a href="#">CIS 290</a>	System Analysis and Design	84	3
<a href="#">CIS 299</a>	Internship	240	4
Totals		660	19

- Choose from the following courses: (EN 110, MATH 100, MATH 101, and ECON 105 are not transferable.)

**In the Communications Electives: Choose EN 110 or ENGL 101 and COMM 101 or SPCM 101**

**Behavioral Science Electives (Choose 1)**

[PSYC 100](#) – Human Relations  
[PSYC 101](#) – General Psychology

**Math Electives (Choose 1)**

[MATH 100](#) – Applied General Math  
[MATH 101](#) – Intermediate Algebra  
[MATH 102](#) – College Algebra

**Communications Electives (Choose 2)**

[EN 110](#) – Business Communications  
[ENGL 101](#) – Composition  
[COMM 101](#) – Contemporary Communication  
[SPCM 101](#) – Fundamentals of Speech

**Social Science Electives (Choose 1)**

[ECON 105](#) – Leadership in the Global Workplace  
[ECON 201](#) – Principles of Microeconomics I  
[SOC 100](#) – Introduction to Sociology