

Computer Information Systems Network Specialist Option



Semester Outline

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

2010 – 2011 Revised: 5/10

Fall Semester – 2010

Course Number	Course Title	Clock Hours	Credits
CIS 100	PC Maintenance	84	3
CIS 126	Computer Software Applications/CIS	84	3
CIS 132	Intro to Computer Programming	84	3
CIS 140	Database Design and SQL	84	3
NET 101	Network Cabling	48	3
NET 111	Networking for Home and Small Business	84	3
Totals		468	18

Spring Semester – 2011

Course Number	Course Title	Clock Hours	Credits
CIS 141	Web Design and Maintenance	84	3
CIS 160	UNIX Operating System	84	3
NET 115	Networking Fundamentals	84	3
NET 121	Routing Protocols and Concepts	84	3
AED 100	Automated External Defibrillator	14	.5
• EN 110 ENGL 101	Communications Elective (Choose 1)	48	3
• COMM 101 SPCM 101	Communications Elective (Choose 1)	48	3
Totals		446	18.5

Summer Session – 2011

Course Number	Course Title	Clock Hours	Credits
NET 131	LAN Switching and Wireless	80	3
NET 141	Accessing the WAN	80	3
Totals		160	6

Fall Semester – 2011

Course Number	Course Title	Clock Hours	Credits
CIS 215	Cyber Security and Ethical Hacking	84	3
CIS 260	UNIX OS Administration	84	3
• ECON 105 ECON 201 SOC 100	Social Science Elective (Choose 1)	48	3
• MATH 100 MATH 101 MATH 102	Math Elective (Choose 1)	48	3
• PSYC 100 PSYC 101	Behavioral Science Elective (Choose 1)	48	3
Totals		312	15

Spring Semester – 2012

Course Number	Course Title	Clock Hours	Credits
CIS 200	Advanced PC Maintenance A+ Certification	84	3
CIS 235	Computer Crime Investigation	84	3
CIS 265	Virtualization	84	3
CIS 280	Windows Server Administration	84	3
CIS 290	System Analysis and Design	84	3
CIS 299	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