

# A.S. CIS: Computer Networking Management

Course check off sheet



Semester Completed

Required Program			
<input type="checkbox"/>	BUS	310	Business Communications (3)
<input type="checkbox"/>	or ENGWR	300	College Composition (3)
<input type="checkbox"/>	or ENGWR	480	Honors College Composition (3)
<input type="checkbox"/>	or ESLW	340	Advanced Composition (4)
<input type="checkbox"/>	CISA	315	Introduction to Electronic Spreadsheets
<input type="checkbox"/>	CISC	320	Operating Systems
<input type="checkbox"/>	CISC	323	Linux Operating System
<input type="checkbox"/>	CISC	350	Introduction to Data Communications
<input type="checkbox"/>	CISC	361	Microcomputer Support Essentials - Preparation for A+ Certification
<input type="checkbox"/>	CISS	310	Network Security Fundamentals

3 - 4

2

1

1

1

3

3

Subtotal Units: 14 - 15

CISCO Concentration

<input type="checkbox"/>	CISC	324	Intermediate Linux Operating System	1
<input type="checkbox"/>	[ CISN	110	Networking Technologies - Preparation for N+ Certification (2)	3-4
<input type="checkbox"/>	and CISN	111	Intermediate Networking Technologies - Preparation for N+ Certification (2) ]	
<input type="checkbox"/>	or CISN	119	TCP/IP Protocols (3)	
<input type="checkbox"/>	CISN	140	CISCO Networking Academy (CCNA)tm: Networking Fundamentals	3
<input type="checkbox"/>	CISN	141	CISCO Networking Academy (CCNA)tm: Routing Protocols and Concepts	3
<input type="checkbox"/>	CISN	142	CISCO Networking Academy (CCNA)tm: LAN Switching and Wireless	3
<input type="checkbox"/>	CISN	143	CISCO Networking Academy (CCNA)tm: Accessing the Wide Area Network	3
<input type="checkbox"/>	CISS	325	Network Security and Firewalls	3

CISCO Concentration Units: 19 - 20

Total Units: 33 - 35

Linux Concentration

<input type="checkbox"/>	CISC	324	Intermediate Linux Operating System	1
<input type="checkbox"/>	CISN	110	Networking Technologies - Preparation for N+ Certification	2
<input type="checkbox"/>	CISN	111	Intermediate Networking Technologies - Preparation for N+ Certification	2
<input type="checkbox"/>	CISN	119	TCP/IP Protocols	3
<input type="checkbox"/>	CISN	120	Beginning Network Administration with Linux	3
<input type="checkbox"/>	CISN	121	Network Administration with Linux: LAN Services	2
<input type="checkbox"/>	CISN	122	Network Administration with Linux: Internet Services	2

A minimum of 3 units from the following: 3

<input type="checkbox"/>	CISP	400	Object Oriented Programming with C++ (4)
<input type="checkbox"/>	CISS	342	Implementing Linux Operating System Security (3)

Linux Concentration Units: 18

Total Units: 32 - 33

Windows Concentration

<input type="checkbox"/>	CISN	110	Networking Technologies - Preparation for N+ Certification	2
<input type="checkbox"/>	CISN	111	Intermediate Networking Technologies - Preparation for N+ Certification	2
<input type="checkbox"/>	CISN	300	Network Systems Administration	3
<input type="checkbox"/>	CISN	302	Intermediate Network Systems Administration	3
<input type="checkbox"/>	CISN	307	Windows Active Directory Services	3
<input type="checkbox"/>	CISN	308	Internetworking with TCP/IP (3)	3
<input type="checkbox"/>	or CISN	119	TCP/IP Protocols (3)	

A minimum of 3 units from the following: 3

<input type="checkbox"/>	CISP	370	Beginning Visual Basic (4)
<input type="checkbox"/>	CISS	341	Implementing Windows Operating System Security (3)

Windows Concentration Units: 19

Total Units: 33 - 34

The Computer Science Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See ARC graduation requirements.

Notes: