CNSE: ADVANCED NETWORK SPECIALIST, CERTIFICATE OF **ACHIEVEMENT**

To earn an Advanced Network Specialist Certificate of Achievement students must complete 38-42 units in basic and advanced networking courses. Students will have advanced knowledge in networking and have completed multiple courses using Microsoft and Cisco curriculum. Students will be well positioned for an entry level job in help desk or technical support employment.

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Course ID	Title	Units/ Hours
Required Courses		
CNSE M01	Networking Fundamentals	4
CNSE M05	Fundamentals of Computer Networking	4
CNSE M13	Internetworking and TCP/IP	4
CNSE M18	Cisco System Computer Networking A	4
CNSE M19	Cisco System Computer Networking B	4
CNSE M30	MS Windows Administration	3
CNSE M31	MS Windows Network Server	3
CNSE M55	Linux Networking and System Administration	3
CNSE M80	Internship in Computer Network Systems Engineering	1-4
CNSE M82	Introduction to Network Security	3
CNSE M105	AWS Cloud Foundations	3
UNITS from Recomm	nended Courses	2-3
Total Units		20.40
างเลา บากเร		38-42
Course ID	Title	Units/ Hours
		Units/
Course ID Recommended Cour		Units/ Hours
Course ID Recommended Cour	rses	Units/ Hours
Course ID Recommended Cour Select and complete	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner	Units/ Hours
Course ID Recommended Cour Select and complete CNSE M56	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation	Units/ Hours
Course ID Recommended Course and complete CNSE M56 CNSE M67	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals	Units/ Hours
Course ID Recommended Courselect and complete CNSE M56 CNSE M67 CNSE M83	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics	Units/ Hours): 3
Course ID Recommended Cour Select and complete CNSE M56 CNSE M67 CNSE M83 CNSE M84	rses e one course from the following list (2-3 units) CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics Certified Ethical Hacker	Units/ Hours 3 3 2
Course ID Recommended Course ID Select and complete CNSE M56 CNSE M67 CNSE M83 CNSE M84 CNSE M86	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics Certified Ethical Hacker Firewall Administration	Units/ Hours 3 3 2 3
Course ID Recommended Course ID Select and complete CNSE M56 CNSE M67 CNSE M83 CNSE M84 CNSE M86 CNSE M100	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics Certified Ethical Hacker Firewall Administration Cybersecurity Analysis	Units/ Hours 3 3 3 2 3 3
Course ID Recommended Course ID Select and complete CNSE M56 CNSE M67 CNSE M83 CNSE M84 CNSE M86 CNSE M100 CNSE M106 Year 1 Fall Semester	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics Certified Ethical Hacker Firewall Administration Cybersecurity Analysis Cloud Architecture	Units/Hours 3 3 2 3 3 3 Units/Hours
Course ID Recommended Course ID Select and complete CNSE M56 CNSE M67 CNSE M83 CNSE M84 CNSE M86 CNSE M100 CNSE M106 Year 1	rses e one course from the following list (2-3 units CompTIA Advanced Security Practitioner Preparation VMware vSphere Fundamentals Introduction Computer Forensics Certified Ethical Hacker Firewall Administration Cybersecurity Analysis Cloud Architecture	Units/ Hours 3 3 3 2 3 3 3

CNSE M55	Linux Networking and System Administration	3
	Units/Hours	11
Spring Semester		
CNSE M13	Internetworking and TCP/IP	4
CNSE M18	Cisco System Computer Networking A	4
CNSE M30	MS Windows Administration	3
	Units/Hours	11
Year 2		
Fall Semester		
CNSE M19	Cisco System Computer Networking B	4
CNSE M31	MS Windows Network Server	3
CNSE M105	AWS Cloud Foundations	3
	Units/Hours	10
Spring Semester		
CNSE M80	Internship in Computer Network Systems Engineering	1-4
CNSE M82	Introduction to Network Security	3
	Units/Hours	4-7
	Total Units/Hours	36-39

Year 1		
Fall Semester		Units/Hours
Listed below are reco prerequisite required	ommended courses. Select and complete in any term, no	
CNSE M56	CompTIA Advanced Security Practitioner Preparation	3
CNSE M67	VMware vSphere Fundamentals	3
CNSE M83	Introduction Computer Forensics	3
CNSE M84	Certified Ethical Hacker	2
CNSE M86	Firewall Administration	3
CNSE M100	Cybersecurity Analysis	3
CNSE M106	Cloud Architecture	3
	Units/Hours	20
	Total Units/Hours	20

Upon successful completion of this program, students will be able to:

• provide high-level, advanced Microsoft support in a medium-sized to enterprise environment.