CNSE: WINDOWS ENGINEERING, CERTIFICATE OF ACHIEVEMENT

To earn a Windows Engineering Certificate of Achievement students must complete at least 18.0 units in Microsoft and Network Administration related curriculum. Students will obtain an advanced knowledge of Microsoft networking technology such as Microsoft Server and Microsoft Desktop. Students will be well positioned to solve technical issues dealing with Microsoft technologies in a large enterprise organization. Completion of this certificate program prepares students to take the Microsoft Certified Technology Specialist examinations.

Course ID	Title	Units/ Hours
CNSE M01	Networking Fundamentals	4
CNSE M06	Cisco Fundamentals of IT Essentials: PC Hardware & Software	4
or CNSE M13	Internetworking and TCP/IP	
CNSE M30	MS Windows Administration	3
CNSE M31	MS Windows Network Server	3
CNSE M55	Linux Networking and System Administration	3
or CNSE M67	VMware vSphere Fundamentals	
CNSE M80	Internship in Computer Network Systems Engineering ( )	1-4

Total Required Major Units: 18

Year 1

Fall Semester		Units/Hours
CNSE M01	Networking Fundamentals	4
CNSE M06 or CNSE M13	Cisco Fundamentals of IT Essentials: PC Hardware & Software or Internetworking and TCP/IP	4
	Units/Hours	**8**
Spring Semester		
CNSE M30	MS Windows Administration	3
CNSE M55 or CNSE M67	Linux Networking and System Administration or VMware vSphere Fundamentals	3
	Units/Hours	**6**
Year 2		
Fall Semester		
CNSE M31	MS Windows Network Server	3
	Units/Hours	**3**
Spring Semester		
CNSE M80	Internship in Computer Network Systems Engineering	1-4
	Units/Hours	**1-4**
	Total Units/Hours	**18-21**

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

- Trouble-shoot and provide technical support for medium-sized to enterprise Microsoft environments.