

NETWORK ENGINEER MICROSOFT^{CTE} CERTIFIED SYSTEMS ENGINEER (MCSE) CERTIFICATE OF COMPLETION

Assistant Professor: Steven Fogg, Edward Walsh

Meadowbrook Campus

PROGRAM DESCRIPTION

This program utilizes Microsoft-approved course materials to prepare students to take industry certification tests so they can earn the Microsoft Certified Systems Engineer (MCSE), Microsoft Certified Systems Administrator (MCSA), Microsoft Certified Technology Specialist (MCTS), and Microsoft Certified Professional (MCP) Certificates from Microsoft. The MCSE certified instructors teach students, through hands-on activities and individualized instruction, to effectively install, maintain, secure, and troubleshoot computer networks running the latest Windows Server and client operating systems. Active Directory, Group Policy, Network Security, Web Site Management, DNS, WINS, Routing, Remote Access, VPNs, DHCP along with a variety of other networking topics will be covered in this program. Industry conferences, and workshops are included as supplemental classroom activities geared toward informing students of trends and changes within the industry. Students who are motivated, willing to set and accomplish goals and willing to study outside of the classroom are the most successful in this rigorous program. This program provides the latest courses required by Microsoft for the MCSE, MCSA, MCTS, and MCP certificates

PREREQUISITES

Success in the program depends upon each individual. To help ensure success, students are asked to demonstrate the basic skills required for the program. These skills may be measured by taking the Comprehensive Adult Student Assessment System Test (CASAS), Tests of Adult Basic Education (TABE), RAVENS, Choices Ability Profiler, Learning Styles, and/or as determined by an admissions advisor. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm.

Instructor approval required. Visit the classroom or call for an appointment: (801) 957-3375, Room N285.

CERTIFICATION

Courses offered in this program directly reflect the most current requirement for certifying in the following areas:

Microsoft Certified Professional (MCP)
Microsoft Certified Technology Specialist (MCTS)
Microsoft Certified Systems Administrator (MCSA)
Microsoft Certified Systems Engineer (MCSE)

Certification is not required for successful completion of the program.

COURSE	CLOCK HOURS
KNEG 0137 Configuring Windows Clients	180
KNEG 0147 Server Environment Manager	200
KNEG 0150 Network Infrastructure	150
KNEG 0165 Administer Directory Services	150
KNEG 0180 Planning the Infrastructure	140
KNEG 0185 Designing Network Security	135
KNEG 0190 Network Security	140
KNEG 0295 Employment Workshop	5
TOTAL HOURS	1,100