

SKILLS CENTER

South City Campus
1575 S. State Street, Room W137D – (801) 957-3354

Redwood Road Campus
Student Center, Room 242A – (801) 957-4097
<http://www.slcc.edu/skillscenter>

ELECTRONICS AND COMPUTER TECHNOLOGY

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

Assistant Professor: Steven Fogg, Edward Walsh

South City Campus

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), 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, and MCP certificates.

PREREQUISITES

Success in the program and eventual employment depends on each individual. To help ensure success, students are asked to demonstrate basic skills as required by the program. These skills may be measured by taking the ABLE (Adult Basic Learning Exam), RAVENS, CAP (Choices Ability Profiler), successfully completing Computer Literacy Basics, and/or as determined by an admission advisor or with instructor approval. It is strongly suggested that students be able to demonstrate a touch-typing speed of 20 wpm. See an admission advisor for more information.

CERTIFICATION

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

- Microsoft Certified Professional (MCP)
- Microsoft Certified Systems Administrator (MCSA)
- Microsoft Certified Systems Engineer (MCSE)

Certification is not required for successful completion of the program.

| COURSE | CLOCK HOURS |
|---|--------------|
| KNEG 0135 Configuring Windows Clients | 150 |
| KNEG 0145 Server Environment Manager | 150 |
| 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 |
| ELECTIVES (CHOOSE ONE) | 80 |
| KNEG 0205 Cooperative Internship | (80) |
| KNEG 0220 Extended Cert. Test. Prep. | (80) |
| TOTAL HOURS | 1,100 |