Implementing Network Directory Services
This course provides students with the knowledge and skills necessary to install, configure, and administer Microsoft Windows 2003 Active Directory services. The course focuses on Implementing Group Policy Objects, deploying software by using group policies, configuring Domain Name System (DNS) to manage name resolution, schema and replication, use of Active Directory to manage users, groups, shared folders, and network resources. Students also learn how to implement and troubleshoot security in a directory services infrastructure and monitor and optimize Active Directory performance. This course also provides the student with experience in managing and troubleshooting software using group policies.

Implementing and Supporting Servers
This course includes topics such as implementing, administering, and troubleshooting information systems that incorporate servers in a networked computing environment. It also includes managing accounts and resources, maintaining server resources, monitoring server performance, safeguarding data in a Microsoft Windows Server 2008 environment, development of skills necessary to implement, administer, and troubleshoot information systems that incorporate Windows Based Servers in a networked computing environment, setting up servers for various client computers, configuring directory replication, managing licensing, user group accounts, user profiles, administering remote servers, disk resources, creating and sharing resources, implementing permissions and security, fault-tolerance, installing and configuring RAS, performance bottlenecks; and configuring problems.

Internet / Intranet Server
This course covers designing, installing, configuring, maintaining, and managing an Internet/Intranet server. Topics include workstation maintenance and Internet-related protocols, implementation of Internet servers such as World Wide Web (WWW), file transfer protocols (FTP), news groups and email. It also includes hands-on experience building web servers.

Supporting Network Service Infrastructure
This course provides the student with skills necessary to install, configure, manage, monitor, support, and troubleshoot a network infrastructure that uses the Microsoft Windows server family of products such as DHCP, DNS, Certificates, Routing protocols, L2TP, NAT, configuring security using Public Key, and deployment of Windows using remote installation services.