ACTIVE DIRECTORY INFRASTRUCTURE
Course Syllabus

Course Number: NSE-A0103  
OCAS Code: 8184  
Course Length: 210 Hours  
Career Cluster: Information Technology  
Career Pathway: Network Systems  
Career Major(s): Network Systems Engineer

Pre-requisite(s): Planning and Maintaining Server Network Infrastructure

Course Description: This course provides students with the knowledge and skills to successfully plan, implement, and troubleshoot a Microsoft Windows Server 2003 Active Directory service infrastructure. The course focuses on a Windows Server 2003 directory service environment, including forest and domain structure; Domain Name System (DNS); site topology and replication; organizational unit structure and delegation of administration; Group Policy; and user, group, and computer account strategies.

Textbooks: TBA

Course Objectives: A. Demonstrate Knowledge of Active Directory Infrastructure
1. Plan and implement an Active Directory infrastructure.
2. Manage and maintain an Active Directory infrastructure.
3. Plan and implement user, computer and group strategies.
4. Plan and implement group policy.
5. Manage and maintain group policy.

ODCTE Objective

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures: 1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.
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Description of Classroom, Laboratories, and Equipment:

Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit

The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility:

The student must maintain a grade point average of 2.0 or better.