CIS 409 – Directory Service Infrastructure

Course Description

This is a lab-based course that prepares students to install, configure, secure and maintain services in the Windows Active Directory environment. Topics include group policies, directory configuration, security strategies, and certificate services.

Instructional Materials

Zacker, C. (2009). *Microsoft Official Academic Course. 70-640: Windows Server 2008 Active Directory Configuration, Lab Manual*. Danvers, MA: John Wiley and Sons.

Zacker, C. (2009). *Microsoft Official Academic Course. 70-640: Windows Server 2008 Active Directory Configuration, Textbook*. Danvers, MA: John Wiley and Sons.

Course Learning Outcomes

1. Describe Active Directory Domain Services.
2. Demonstrate the ability to describe, configure, and administer Active Directory services.
3. Demonstrate the ability to implement and manage Active Directory Sites.
4. Describe the Global Catalog and Flexible Single Master Operations Roles.
5. Create security plans for use in the Active Directory environment.
6. Demonstrate the ability to describe, configure, and administer Group Policy in the Active Directory environment.
7. Create and configure User and Computer environments using Group Policy in the Active Directory environment.
8. Demonstrate the ability to perform software installations using Group Policy.
9. Demonstrate the ability to plan an implementation based on a Group Policy Management.
10. Describe and plan for Active Directory maintenance, troubleshooting, and disaster recovery activities.
11. Use technology and information resources to research issues in directory service infrastructure environments.
12. Write clearly and concisely about directory service infrastructure topics using proper writing mechanics and technical style conventions.