CIS 329 – Administering Desktop Clients

Course Description

Provides students with the knowledge and skills necessary to perform administration tasks in a peer to peer network or server centric network. Administration topics include installation, configuration, user management, resource management, and security.

Instructional Materials


Course Learning Outcomes

1. Identify computing conditions in which a system needs to be reconfigured.
2. Demonstrate the ability to install and configure an operating system and its associated updates.
3. Validate and successfully install a computer operating system.
4. Demonstrate the ability to discuss the migration phases and considerations in an operating system installation.
5. Prepare an enterprise environment for systems deployment using image files.
6. Configure and define the disks and devices in an operating system environment.
7. Demonstrate the ability to configure networking settings in an operating systems environment.
8. Compare and contrast among different layers of networking stack as it relates to operating systems.
9. Demonstrate the ability to apply technology tools to monitor and configure network performance.
10. Demonstrate the ability to set and configure resource permissions.
11. Demonstrate the ability to describe and configure secure computing applications.
13. Describe the properties of user accounts and configure its components.
14. Demonstrate authentication and authorization in configuring secure user accounts.
15. Demonstrate operating system troubleshooting techniques.
16. Demonstrate the ability to understand operating system administration activities.
17. Develop a deployment and troubleshooting plan for an operating system environment.
18. Discuss and configure mobile computing options.
19. Use technology and information resources to research issues in desktop administration and operating system environments.
20. Write clearly and concisely about desktop administration and operating system environments using proper writing mechanics and technical style conventions.