BAKER COLLEGE
STUDENT LEARNING OUTCOMES

MNP2050 Server I
3 Semester Hours

Student Learning Outcomes & Enabling Objectives

1. Demonstrate comprehension of operating system theory and implementation.

    a. Install up to date Microsoft Operating Systems and related applications.

    b. Implement OS internals to design and implement significant architectural changes to an existing OS.

    b. Configure common Microsoft Server post-installation configuration tasks.

    c. Implement configuration tasks using PowerShell.

2. Implement steps necessary for implementing and configuring virtualization and deployment.

    a. Implement Hyper-V technology.

    b. Perform rapid server deployment of Windows Server systems using virtual machine templates and WDS.

3. Execute skills necessary to perform basic operations involving Active Directory

    a. Install and configure Active Directory.

    b. Configure user accounts, authentication policies, audit capabilities.

    c. Configure resource access.

4. Identify the roles and basic functions of an operating system and how operating systems interact with hardware and software applications.

    a. Configure printing a server environment.

    b. Configure secure printing policies.

Big Ideas and Essential Questions

Big Ideas

- Types of Operating Systems
  - Operating Systems for Business
  - Operating Systems for home
- Common Server functions

- Centralized resources

Essential Questions

1. What are the common operating systems?
2. How do we configure servers for business?
3. What are the best practices for servers?
4. Why do we need to centralize resources in a computer network?

CAE-CD Foundational: IT Systems Components (ISC)
CAE-CD Technical Core: Operating Systems Concepts (OSC)
These SLOs are approved for experiential credit.
Effective: Fall 2022