

# NOS 230 Windows Admin I

## **COURSE DESCRIPTION:**

Prerequisites: None

Corequisites: None

This foundational course introduces IT professionals and system administrators to the essential skills required for setting up and managing the latest Windows Server operating systems through practical, project-based learning. Participants will build a basic Active Directory (AD) environment and configure a file server using Hyper-V, focusing project work that underscores key server infrastructure management practices and hybrid environment concepts. This course offers a hands-on approach to learning essential management practices, while preparing participants for the AZ-800 exam and laying a solid groundwork in server administration. Course Hours per Week: Class, 2. Lab, 2. Semester Hours Credit, 3.

## **LEARNING OUTCOMES:**

Upon completing requirements for this course, the student will be able to:

1. Install Windows Server and implement Active Directory Domain Services.
2. Configure Windows Server and Active Directory, including user, group, and computer account management.
3. Set up and configure a hyper v virtual machine.
4. Implement file sharing using security groups.
- 5.

E. Global Catalog and FSMO roles

III. Active Directory Administration

A. Create and manage User, Group, and Computer accounts

B.