

Inver Hills Community College

ITC 2440: Identity with Windows Server

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

ITC 2430 - Installation, Storage, and Compute with Windows

Corequisites: None

MnTC Goals: None

This course provide students with the skills and knowledge needed to configure and administer identity and directory services in a Windows Server enterprise environment. Includes the installation, configuration, management, and maintenance of Active Directory, group policy, certificate services, and identity federation.

B. COURSE EFFECTIVE DATES: 08/26/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Deploy, Manage, and Maintain Servers (17%)
2. Configure File and Print Services (15%)
3. Configure Network Services and Access (17%)
4. Configure a Network Policy Server Infrastructure (14%)
5. Configure and Manage Active Directory (19%)
6. Configure and Manage Group Policy (18%)

D. LEARNING OUTCOMES (General)

1. Deploy and manage server images
Implement patch management
Monitor servers
Configure Distributed File System (DFS)
Configure File Server Resource Manager (FSRM)
Configure file and disk encryption
Configure advanced audit policies
Configure DNS zones
Configure DNS records
Configure VPN and routing
Configure DirectAccess
Configure Network Policy Server (NPS)
Configure NPS policies
2. Configure Network Access Protection (NAP)
Configure service authentication
Configure Domain Controllers
Maintain Active Directory
Configure account policies
Configure Group Policy processing
Configure Group Policy settings
Manage Group Policy objects (GPOs)
Configure Group Policy preferences
3. Students will practice business soft skills including written, active listening, and oral presentation.
Students will document evidence of business skill practice in an electronic portfolio.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted