

Inver Hills Community College

ITC 2420: Configuring Windows Devices

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

ITC 2410 - Installing and Configuring Windows Clients AND ITC 2000 - PC Hardware and Software (A+) (Minimum grade: 2.0 GPA equivalent)

Corequisites: None

MnTC Goals: None

Provides in-depth study of configuring and maintaining a Windows 10 client environment in the enterprise. Topics include identity management, desktop and device deployment, device management, client network configuration, storage configuration, data access and protection, client remote access, desktop application support, and system updates and recovery.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Manage identity (10%)
2. Plan desktop and device deployment (15%)
3. Plan and implement MS Intune device management solution (10%)
4. Configure Networking and storage (25%)
5. Manage data access and security, remote access and apps (30%)
6. Manage updates and recovery (10%)

D. LEARNING OUTCOMES (General)

1. Design an operating system installation strategy.
2. Design an application strategy for desktop apps.
3. Design an application strategy for cloud apps.
4. Design a solution for user settings.
5. Design for network connectivity and security.
6. Design for remote access.
7. Design for authentication and authorization.
8. Manage data storage and data security.
9. Manage hardware and printers.
10. Manage mobile devices.
11. Manage endpoint security .
12. Manage clients by using Windows Intune.
13. Manage public cloud services.
14. Design a recovery solution.
15. Monitor and maintain clients by using MDOP.
16. Students will practice business soft skills including written, active listening, and oral presentation.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted