

Inver Hills Community College

ITC 2300: Information Technology Services and Applications

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites:

This course requires either of these prerequisites

ITC 2515 - Introduction to Networks and Routing and Switching Essentials (CCNA 1/2)

ITC 2520 - Switching, Routing, and Wireless Essentials (CCNA 2) (Minimum grade: 2.0 GPA Equivalent)

Corequisites: None

MnTC Goals: None

Introduces current technologies and network applications commonly supported and used by information technology professionals above and beyond basic infrastructure or servers, operating systems, and network devices. Provides the concepts behind and hands-on lab experience with at least three technologies such as VoIP/collaboration, security monitoring, visualization, storage networking, mobile/BYOD device management which are transforming the IT landscape.

B. COURSE EFFECTIVE DATES: 07/01/2016 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Basic configuration of at least 3 current technologies or services: 28%
2. Introduction to at least 3 current technologies or services: 25%
3. Security implications of at least 3 current technologies or services: 10%
4. The changing nature of information technology in business: 5%
5. Troubleshooting of at least 3 current technologies or services: 32%

D. LEARNING OUTCOMES (General)

1. Demonstrate the ability to perform a basic installation, configuration, and testing of at least three current technologies or network applications commonly used or supported by IT departments
2. Describe at least three current technologies or network applications commonly used or supported by IT departments
3. Describe the changing landscape of the IT department
4. Analyze and explain the key features and benefits of three current technologies or network applications commonly used or supported by IT departments

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted