COLLIN COLLEGE

COURSE SYLLABUS

Course Information

Course Number: ITMT 2370

Course Title: Installing and Configuring Windows Server 2012

Course Description: A course in Windows Server 2012 installation and configuration including installation and configuration of servers, configuration of server roles and features, configuration of Hyper-V, deployment and configuration of core network services, installation and administration of Active Directory, and creation and management of group policies. (MS 70-410)

Course Credit Hours: 3
Lecture Hours: 2
Lab Hours: 3

Prerequisite: ITNW 1358 or ITCC 1371

Student Learning Outcomes: Upon completion of the course the student will be able to:

1. Install and configure Windows Server 2012 (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
2. Describe AD DS, manage Active Directory objects, and automate Active Directory administration (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
3. Implement IPv4, Dynamic Host Configuration Protocol (DHCP), implement Domain Name System (DNS), implement IPv6, implement local storage, implement file and print services, and implement Group Policy (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
4. Secure Windows servers by using Group Policy Objects (GPOs) (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
5. Implement server virtualization by using Hyper-V (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)

Secretary's Commission on the Acquisition of Necessary Skills (SCANS) - SCANS skills are a group of foundational skills and workplace competencies that the Secretary's Commission on the Acquisition of Necessary Skills established as vitally important for workplace success in the 21st century. In Collin's workforce programs, the SCANS skills are developed and reinforced throughout the curriculum to provide students with an opportunity to hone these skills/competencies in the context of their education. Over the course of an entire degree program, the successful student is expected to demonstrate all of the SCANS skills and competencies as part of their education. The SCANS Foundation Skills and Workplace Competencies are described at:
7http://www.collin.edu/academics/programs/Workforce_SCANS_Skills_Syllabi_Code_Key.pdf

Withdrawal Policy: See the current *Collin Registration Guide* for last day to withdraw.

Collin College Academic Policies: See the current *Collin Student Handbook.*

Americans with Disabilities Act Statement: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.