COLLIN COLLEGE

COURSE SYLLABUS

Course Information

Course Number: ITMT 2371

Course Title: Administering Windows Server 2012

Course Description: A course in Windows Server 2012 administration including deployment, management and maintenance of servers, configuration of file and print services, configuration of network services and access, configuration of a Network Policy Server (NPS) infrastructure, configuration and management of Active Directory, and configuration and management of Group Policy. (MS 70-411)

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

Prerequisite: ITMT 2370

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

1. Configure and troubleshoot the Domain Name System and maintain Active Directory Domain Services (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
2. Manage user and service accounts (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
3. Implement Group Policy Infrastructure, manage User Desktops using Group Policy and install, configure and troubleshoot Network Policy Servers (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
4. Implement Network Access Protection and implement Remote Access (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
5. Optimize File Services (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
6. Configure Encryption and Advanced Auditing (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
7. Deploy and maintain server images (SCANS: F1,F3-5,F8-12,F14,F16) (SCANS: C1,C10-16,C18-20)
8. Monitor Windows Server 2012 (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.