

ITCT 141-ADMINISTERING WINDOWS SERVER 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

An introduction to Windows Server with a focus on administration. Comprehensive coverage includes server deployment and maintenance, advanced file services, remote access, network access protection, Group Policy, Active Directory, and DNS. May be preparation for an industry certification exam.

Prerequisites: MATH-096, ENGL-096 and RDNG-096 or appropriate Math, English, and Reading Accuplacer scores.

Semester Offered: Fall

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Clearly and completely state and describe a problem/issue.
2. Consider the context, costs, benefits and consequences of potential solutions to problems or issues.

3. Manage a Windows Server system with a focus on administration.
4. Operate a Windows server in order to deploy release.
5. Be able to maintain an active Windows server environment.
6. Employ advanced file services needed for network functionality.
7. Manage and create an organized Active Directory structure of users, groups, and network resources.
8. Create and configure user and group accounts for successful network communications on Active Directory.
9. Design logical group policies in order to manage permissions properly