

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. CST

COURSE NUMBER: 2300

NUMBER OF CREDITS: 3

Lecture: 2 Lab: 1 OJT 0

Course Title:

Windows Client/Server Administration II

Catalog Description:

Windows Client/Server Administration II is a comprehensive course that focuses on the setup, support, and management of both Windows Server and the Windows desktop client operating systems. It provides students with the knowledge and skills needed to effectively implement, administer, and troubleshoot Windows network environments

Prerequisites or Necessary Entry Skills/Knowledge:

CST 2224

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

- Goal 1: Communication: By meeting the following competencies:
- Goal 2: Critical Thinking: By meeting the following competencies:
- Goal 3: Natural Sciences: By meeting the following competencies:
- Goal 4: Mathematics/Logical Reasoning: By meeting the following competencies:
- Goal 5: History and the Social and Behavioral Sciences: By meeting the following competencies:
- Goal 6: The Humanities and Fine Arts: By meeting the following competencies:
- Goal 7: Human Diversity: By meeting the following competencies:
- Goal 8: Global Perspective: By meeting the following competencies:
- Goal 9: Ethical and Civic Responsibility: By meeting the following competencies:
- Goal 10: People and the Environment: By meeting the following competencies:

Topics to be Covered (General)

Clustering and high availability

Active Directory Certificate Services

Dynamic Access Control

Active Directory Rights Management Services

Active Directory Federation Services

Windows Subsystem for Linux

Cloud Services and hybrid services

Security systems and services

Student Learning Outcomes
Configure essential network services
Install Windows Subsystem for Linux
Configure Group Policy to support Dynamic Access Control
Implement Windows Server and desktop client operating systems
Administer user accounts, groups, and permissions in a Windows network environment
Implement and Manage Active Directory Federation Services

Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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*If yes, please list the competencies below

Revised Date: 10/31/2023