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

<table>
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<th>Student Learning Outcomes</th>
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<tbody>
<tr>
<td>Configure essential network services</td>
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<tr>
<td>Install Windows Subsystem for Linux</td>
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<tr>
<td>Configure Group Policy to support Dynamic Access Control</td>
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<tr>
<td>Implement Windows Server and desktop client operating systems</td>
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<tr>
<td>Administer user accounts, groups, and permissions in a Windows network environment</td>
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<tr>
<td>Implement and Manage Active Directory Federation Services</td>
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**Is this course part of a transfer pathway:** Yes ☐  No ☒

*If yes, please list the competencies below*

Revised Date: 10/31/2023