MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

DEPT: Computer Careers COURSE NO.: CST2220

COURSE TITLE: Windows NT Administration I

CATALOG DESCRIPTION: This course will introduce the student to Microsoft networking theories and practices. Specifically, planning the network, user accounts, permissions, file and print services, and domain controllers will be covered.

AUDIENCE: Computer Career students and those who administer Microsoft Windows NT Server and Windows NT Workstations

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area : by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:
CST1111 – File Structures
CST1190 - Introduction to Networking

LENGTH OF COURSE: 3 Credits

THIS COURSE IS USUALLY OFFERED:
Every other year fall spring summer undetermined

Four goals are emphasized in course at Minnesota West Community & Technical College:

1. ACADEMIC CONTENT: The student will achieve the first level of knowledge and skill needed for the network administration.

2. THINKING SKILLS: The student will accurately perform instructions to the computer using the administrative commands on Windows NT with an understanding of the rational of each command.

3. COMMUNICATIONS SKILLS: The student will begin to demonstrate appropriate communication techniques in working with fellow students to complete assignments.

4. HUMAN DIVERSITY: The student will gain self awareness regarding their feelings towards people of different cultures, value systems and socioeconomic status.

TOPICS TO BE COVERED: Windows NT Administration basics: including creating users, groups, printer servers. Networking concepts will be administered including backing-up and restoring data, and completing server planning worksheets.
LIST OF EXPECTED COURSE OUTCOMES:
1. Prepare server planning worksheet
2. Describe differences between NT Workstation and NT Server
3. Create user accounts
4. Create group accounts
5. Demonstrate securing network resources with share permissions
6. Demonstrate securing network resources with NTFS permissions
7. Demonstrate setting up a network print server
8. Explain auditing resources and events
9. Analyze monitored network resources
10. Explain proper backup and restore procedures

LEARNING/TEACHING TECHNIQUES used in the course are:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Individual Projects
- Oral Presentations
- Worksheets
- Collaborative Projects
- Textbook Problems
- Papers
- Portfolio
- Group Problems
- Term Paper
- Other (describe below)

The information in this course outline is subject to revision

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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