MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty are required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT.  Computer Careers                        COURSE NUMBER:  CST 2284
NUMBER OF CREDITS:  3
COURSE TITLE:  Microsoft Exchange Server

CATALOG DESCRIPTION : The student will develop skills that are needed to update and support a reliable, secure messaging infrastructure. This infrastructure is used for creating, storing, and sharing information by using Microsoft Exchange Server in a medium-sized to large-sized (250 to 5,000 users) messaging environment. This course offers a significant number of hands-on practices, discussions, and assessments that assist students in becoming proficient in the skills that are needed to update and support Exchange Server.

AUDIENCE  : Networking Specialist majors

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area:  by meeting the following competencies:
Area:  by meeting the following competencies:
Area:  by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE:
CST 2223 Windows Client/Server Administration

LENGTH OF COURSE : 1 semester

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 academic objectives of this course are:
   a.  The student will achieve the advanced level of knowledge and skill needed to administer, setup, and troubleshoot a Microsoft Exchange Server

2) THINKING SKILLS:  This course will help students improve the effectiveness of their thinking skills through:  The student will accurately perform instructions to install and manage a Microsoft Exchange environment.
3) **COMMUNICATIONS SKILLS**: This course will help students improve their oral and written communication skills through:
   a. The student will begin to demonstrate appropriate communication techniques in working with fellow students to complete assignments
   b. 

4) **HUMAN DIVERSITY**: This course will help students recognize, understand, and appreciate human diversity through:
   a. The student will gain self awareness regarding their feelings towards people of different cultures, value systems and socioeconomic status.
   b. 

**TOPICS TO BE COVERED:**
1. Installing Exchange Server
2. Microsoft Outlook
3. Backing up Exchange Server
4. Exchange Server Security

**LIST OF EXPECTED COURSE OUTCOMES:**
1. Introduction to Exchange Server
2. Installing and Configuring Exchange Server
3. Managing Recipients
4. Configuring Outlook and Outlook Web Access
5. Managing Addresses
8. Managing Routing and Internet Connectivity
9. Managing Data Storage and Hardware Resources
10. Securing Exchange Server
11. Backup and Recovery of Exchange Server
12. Troubleshooting Connectivity
13. Monitoring and Troubleshooting the Server
14. Upgrading to Exchange Server

**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
- Other (describe below)
- Lab

**ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:**
- Reading
- Tests
- Individual Projects
- Oral Presentations
- Worksheets
- Collaborative Projects
- Textbook Problems
- Papers
- Group Problems
- Collaborative Projects
- Lab
- Term Paper
EXPECTED STUDENT LEARNING OUTCOMES:

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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