

MASTER COURSE OUTLINE

A. CPRO 1021 Administering Active Directory Services

B. COURSE DESCRIPTION:

This course provides the skills and knowledge necessary to install, configure, and administer Microsoft Windows Active Directory Services. This course was developed for information technology (IT) professionals who support, administer, or implement Active Directory Services, and for individuals preparing to take any of the MCTS Windows Server Network Infrastructure Configuration Exams. This course contains material that is intended to help prepare students for certification. Prerequisites: CPRO 1016.
(3 Cr – 3 lect, 0 lab)

C. ****Core Theme:** Critical Thinking

D. MAJOR CONTENT AREAS:

- History of active directory services
- Active directory services architecture
- Active directory services implementation
- Active directory services management
- Active directory services troubleshooting
- Active directory services migration
- Active directory user and group administration
- Active directory printing administration
- Active directory security
- Active directory fault tolerance

E. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
**Critical Thinking	imagine and seek out a variety of possible goals, assumptions, interpretations, or perspectives which can give alternative meanings or solutions to given situations or problems.	1. analyze the complex services available through active directory and determine which features to implement based on given business requirements.
<u>CS</u>	identify and analyze the available deployment methods and determine the best option to use for an organization.	1. demonstrate an understanding of features and operations of active directory services.
<u>CS</u>	install, configure, and manage active	1. complete laboratory

	directory services.	assignments that require installation, configuration, and management of active directory services.
<u>CS</u>	install, configure, and manage active directory print services.	1. complete laboratory assignments that require installation, configuration, and management of advanced network printing using active directory services.
<u>CS</u>	communicate with end users by formulating questions and providing answers that are appropriate to the end users' level of technological literacy.	1. guide a classmate through the resolution of a user access issue caused by an active directory misconfiguration problem using verbal communication in a simulated helpdesk scenario.
<u>CS</u>	demonstrate proper troubleshooting methodologies and techniques.	1. resolve an active directory services misconfiguration lab scenario using the command (CMD) line and graphical user interface (GUI) to monitor and troubleshoot the problem.

F. SPECIAL INFORMATION:

This course may require use of the Internet, the submission of electronically prepared documents and the use of a course management software program. Students who have a disability and need accommodations should contact the instructor or the Student Success Center at the beginning of the semester. This information will be made available in alternative format, such as Braille, large print, or current media, upon request.

G. COURSE CODING INFORMATION:

Course Code T/Class Maximum 30; Letter Grade

Revision date: 12/08/10

AASC Approval date: 12/21/10

*Riverland Community College Disciplines	MnTC Goal Number
Communication (CM)	1
Natural Sciences (NS)	3
Mathematics/Logical Reasoning (MA)	4
History and the Social & Behavioral Sciences (SS)	5
Humanities and Fine Arts (HU)	6

**Riverland Community College Core Themes	MnTC Goal Number
Critical Thinking (CT)	2
Human Diversity (HD)	7
Global Perspective (GP)	8
Ethical and Civic Responsibility (EC)	9
People and the Environment (PE)	10

*These five MnTC Goals have been identified as Riverland Community College Disciplines.

** These five MnTC Goals have been identified as Riverland Community College Core Themes.

NOTE: The Minnesota Transfer Curriculum “10 Goal Areas of Emphasis” are reflected in the five required discipline areas and five core themes noted in the Riverland Community College program of study guide and/or college catalog.