



MASTER COURSE OUTLINE

A. CPRO 1016 Windows Server Operating Systems

B. COURSE DESCRIPTION:

This course provides the skills and knowledge necessary to install, configure, and administer Microsoft Windows server operating systems. This course was developed for information technology (IT) professionals who support, administer, or implement Windows Server networks 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 1011. This course is part of the Computer Technology program which is an accredited program in World Organization of Webmaster (WOW) Professional Academy.

(3 Cr – 3 lect, 0 lab)

C. *Core Theme: Critical Thinking

D. RIVERLAND INSTITUTIONAL LEARNING OUTCOMES:

This course addresses the following Riverland Institutional Learning Outcome(s):

- ILO 1: critical thinking (*Core Theme Goal 2*)
- ILO 2: awareness of the larger global community (*Core Theme Goal 7 or 8*)
- ILO 3: ethical, engaged citizenship (*Core Theme Goal 9 or Goal 10*)
- ILO 4: communication and collaboration (*Discipline Goal 1 and by any learning outcome(s) involving communication or collaboration*)

E. MAJOR CONTENT AREAS:

- History of Windows server operating systems
- Windows server architecture
- Windows server storage
- Windows server installation
- Windows server configuration
- Windows server management
- Windows server troubleshooting
- Windows server migration
- Workgroup user and group administration
- Windows network printing
- Fault tolerance

F. GOAL TYPES, OBJECTIVES, AND OUTCOMES:

<u>GOAL</u>	<u>OBJECTIVES</u> Students will be able to	<u>OUTCOMES</u> The student will successfully
<u>*Critical Thinking</u>	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 business requirements and determine the appropriate server or mix of server technologies that provide highest return on investment (ROI) and productivity.
<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 Windows server operating system deployment and management.
<u>CS</u>	install, configure, and manage Windows server operating systems.	1. complete laboratory assignments that require installation, configuration, and management of Windows server operating systems.
<u>CS</u>	install, configure, and manage network printing.	1. complete laboratory assignments that require installation, configuration, and management of network printers using Windows server operating systems.
<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 due to a Windows server operating system misconfiguration problem using verbal communication in a simulated helpdesk scenario.
<u>CS</u>	demonstrate proper troubleshooting methodologies and techniques.	1. resolve a Windows server operating system misconfiguration lab scenario using the command (CMD) line and graphical user interface (GUI) to monitor and troubleshoot the problem.

G. 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 Accessibility Services 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.

H. COURSE CODING INFORMATION:

Course Code T/Class Maximum 30; Letter Grade

Revision date: 12/08/10; 11/05/24

AASC Approval date: 12/21/10; 11/19/24

*These five MnTC Goals have been identified as Riverland Community College Core Themes. Every course in the Riverland Community College curriculum shall meet outcomes from one of these themes.

**These five MnTC Goals have been identified as Riverland Community College Disciplines. Riverland’s MnTC courses also shall meet outcomes from a Discipline Area.

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.

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

**Riverland Community College Discipline Areas	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