

CRN 31164 CST K175 T1
Network Administration Support
Course Syllabus Fall 2011 (Wednesdays)

General Course Information

Course: CRN 31164 CST K175 T01 Network Administrations, Room B227

Hours: Lecture: 1720 -2005, Lab: 2010 - 2150

Instructor: Ronald Leask

Office: Three Rivers Community College Room C170

Office Hours: M, R 0900-1200 hours

Office Phone: 860 885-2391

E-mail: rleask@trcc.commnet.edu, Please e-mail me if not attending class

Textbook: 1). Windows Server 2008 Active Directory Configuration Exam 70-640, ISBN 978-0-470-22509-7

Reference Texts:

- 1) Lab Manual Windows Server 2008 Active Directory Configuration Exam 70-640, ISBN 978-0-470-22508-0 Labs in this text are not the same as on-line
- 2) MCTS/MCSE, Exam 70-640, Configuring Windows Server Active Directory-Self-Paced Training Kit, Microsoft
- 3) MCTS Guide to Microsoft Windows Server 2008 Active Directory Configuration, G. Tomsho, Course Technology, Exam 70-640
- 4) The Complete Guide to **Windows Server 2008**, J. Savill, Addison Wesley

COURSE OBJECTIVES: *Prerequisite: CSA* K105 or permission of the instructor.*

The student will acquire detailed knowledge of networking technology; identification of the following: the major network operating systems, including Microsoft Windows Server 2008, including managing and maintaining OS, Users, Groups, Computer Accounts, shared resources, devices, the clients that best serve specific network operating systems and their resources; the directory services of the major network operating systems; and general networking.

Overheads not on CDR will distributed in class or put on mycommnet.

1. **Required: Portable Laptop Computer or External hard-drive~ 50Gbytes, Cost of hard drive~ < \$90.00, to hold weekly Lab work on your server. Will get a copy of Windows Server 2008 or Windows 2008 to be hosted on a virtual machine.(Virtual PC, for PCs, or V-Box, Parallels, or VMware for Mac or PCs)**
2. **Six CD-R, 700 MB, for virtual PC and Servers**

GRADING AND EVALUATION CRITERIA:

70% of grade is based on lab assignments

30% of grade is based on end of chapter quizzes, and examinations

Students should keep a course notebook

Syllabus is subject to change to correct errors and when new information becomes available.

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<i>Week</i>	<i>Date</i>	<i>Chapter/Topic</i>	<i>Quizzes or Exams</i>	<i>Assignments /Labs</i>
Installing the Virtual PC (or V-Box) and Windows Server 2008				
1	8/31/11	Course Overview _ - Overview of MSDNAA Virtual PC		None
2	9/7/11	Lesson 1: Overview of Active Directory Domain Services		Lab 1: Exploring the Windows Server 2008 Interface
3	9/14/11	Lesson 2: Implementing Active Directory		Lab 2: Installing Active Directory Domain Services
4	9/21/11	Lesson 3: Working with Active Directory Sites		Lab 3: Working With Active Directory Sites
5	9/28/11	Lesson 4: Global Catalog and Flexible Single Master Operations (FSMO) Roles		Lab 4: Global Catalog and Flexible Single Master Operations (FSMO) Role
6	10/5/11	Lesson 5: Active Directory Administration		Lesson 5: Creating and Managing Users and Groups
7	10/12/11	Lesson 6: Security Planning and Administrative Delegation		Lesson 6: Employing Security Concepts
8	10/19/11	Lesson 7: Introduction to Group Policy		Lesson 7: Exploring Group Policy Administration
9	10/26/11	Lesson 8: Configuring the User and Computer Environment Using Group Policy		Lesson 8: Managing Users and Computers with Group Policy
10	11/2/11	Lesson 9: Performing Software Installation with Group Policy		Lesson 9: Software Distribution
11	11/9/11	Lesson 10: Planning a Group Policy		Lesson 10: Controlling

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		Management and Implementation Strategy		Group Policy
12	11/16/11	Lesson 11: Active Directory Maintenance, Troubleshooting, and Disaster Recovery		Lesson 11: Disaster Recovery and Maintenance
	11/22/11	No Class –Possible Make-Up		
13	11/30/11	Lesson 12: Configuring Name Resolution and Additional Services		Lesson 12: Configuring Name Resolution and Additional Services
14	12/07/11	Lesson 13: Configuring Active Directory Certificate Services		Lesson 13: Configuring Active Directory Certificate Services
15	12/14/11	Make up		