

Minnesota State College Southeast

NWAT 2669: Microsoft Advanced Server

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 2

Lab Hours/Week: 2

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course examines the planning, installing and implementing of Active Directory in the Windows 2000 Server environment. Students will learn how to configure and manage Active Directory, RAS, Terminal Services, and Windows 2000 security. Additional emphasis will be placed on connectivity issues concerning a mixed client environment in the Windows 2000 architecture. (Prerequisites: NWAT1641, NWAT1649) (3 credits: 2 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 03/13/2009 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Explain replication
2. Display teamwork attitude
3. Explain mixed mode
4. Explain native mode
5. Manage multiple domains
6. Describe Active Directory concepts
7. Configure DNS
8. Configure terminal services
9. Manage intersite replication
10. Manage intrasite replication
11. Explain Windows security
12. Explain Active Directory clients
13. Describe Active Directory schema
14. Recover disk failures
15. Explain Kerberos
16. Install DNS
17. Configure remote access
18. Optimize disk performance
19. Manage user data
20. Recover user data
21. Upgrade device drivers
22. Configure auditing
23. Describe data storehouse
24. Configure global accounts
25. Manage security policy
26. Install remote access
27. Install Active Directory
28. Install VPN
29. Configure VPN
30. Troubleshoot VPN
31. Troubleshoot remote access
32. Install terminal services
33. Configure local accounts
34. Manage file permissions
35. Modify Active Directory schema
36. Describe LAN Manager
37. Create Active Directory backups
38. Identify Trust Model
39. Manage shared printers
40. Explain naming conventions
41. Configure Citrix MetaFrame
42. Manage directory permissions
43. Identify connection objects
44. Create child domain

45. Create containers
46. Explain SAM
47. Explain group policy inheritance
48. Display professionalism
49. Identify Multiple Master Domain Model
50. Configure RAS policies
51. Configure logon scripts
52. Configure policy scripts
53. Manage shared folders
54. Explain IPSec
55. Describe public key policies
56. Install Encrypting File System (EFS)
57. Install DHCP
58. Configure DHCP
59. Explain Remote Administration mode
60. Describe Remote Access Service (RRAS)

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted