

Minnesota State College Southeast

NWAT 2601: Novell Netware

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 will explore the Novell Netware operating system. The students will learn how to plan, install, and configure Netware server in a single and multi-server environment. Emphasis will be placed on the managing, monitoring and optimizing of network resources. The student will learn additional methods of connectivity through gateways and remote access. Boot failures, configuration errors and fault-tolerances will be discussed as it relates to the Netware environment. The use of diagnostic and monitoring software will be emphasized. (Prerequisites: NWAT1608, NWAT1641, NWAT1649) (3 credits: 2 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 03/03/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Describe leaf objects
2. Describe Netware security
3. Check Netware server configuration
4. Install workstation software components
5. Use directory tree structure commands
6. Describe Netware Loadable Modules (NLM)
7. Describe container object
8. Describe Netware installation
9. Use directory tree structure utilities
10. Install a leaf object
11. Install a network file system
12. Describe network and search drive pointers
13. Install directory map objects
14. Manage Netware file system
15. Describe Netware data transmission
16. Use directory tree structure utilities
17. Describe Netware file system
18. Identify Netware hardware connections
19. Describe Netware software connections
20. Describe Novell Directory Services components
21. Explain NDS tree objects
22. Design an NDS tree
23. Check Netware server installation
24. Plan NDS directory tree partitions
25. Describe Netware login security
26. Explain Netware-created directories
27. Explain Novell-suggested directories
28. Write valid path statements
29. Apply directory structure designs
30. Use Netware console commands
31. Use Netware workstation commands
32. Use Netware utilities
33. Use Netware Administrator
34. Identify login script files
35. Install network application file structure
36. Use Salvage and Purge utilities
37. Identify Netware printing components
38. Install Netware print queues
39. Install Netware printers
40. Use syscon utility
41. Manage Netware print jobs
42. Describe network-compatible programs
43. Install login script files
44. Write user and profile login scripts

45. Use VREPAIR
46. Use Novell Licensing Services (NLS)
47. Install Netware 3.x
48. Install Netware 4.x
49. Describe bindery mode
50. Install Netware print server
51. Install Netware profiles
52. Install Netware users
53. Install Netware groups
54. Manage Netware users
55. Manage Netware groups
56. Display Netware troubleshooting techniques
57. Use Application Launcher
58. Display professionalism
59. Manage Netware file and directory attributes
60. Manage Netware profiles
61. Describe the Netware accounting system
62. Use DSREPAIR utility
63. Describe Netware trustee rights security
64. Describe effective rights
65. Describe Inherited Rights Filter (IRF)
66. Use the Network Command GRANT
67. Display teamwork attitude

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted