

Minnesota State College Southeast

NWAT 2665: Microsoft Services

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 Exchange Server architecture, as well as its proper installation and implementation in a Microsoft networking environment. Students will learn how to configure and manage Exchange clients and services. Using Exchange with other existing systems such as Lotus, Netware, and MS Mail will be discussed. The student will also examine other MS services such as remote access, terminal services, and web services. (Prerequisites: NWAT1641 and NWAT1649 or instructor's permission) (3 credits: 2 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 10/07/2003 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Configure distribution lists
2. Explain (RPC) network traffic
3. Explain offline storage operation
4. Describe ES mailboxes
5. Describe ES distribution lists
6. Describe offline storage concepts
7. Configure mailboxes
8. Describe Remote Procedure Calls (RPC)
9. Configure custom recipients
10. Explain recipient property page
11. Manage recipient objects
12. Describe Outlook options
13. Describe Outlook Web Access options
14. Describe Outlook installation
15. Explain Exchange Server concepts
16. Describe ES custom recipients
17. Describe ES environments
18. Describe Exchange Server components
19. Describe ES database objects
20. Explain ES connector functions
21. Define ES key terms
22. Install ES MTA
23. Describe ES routines
24. Describe intrasite communication
25. Configure ES environments
26. Describe ES installation options
27. Install ES
28. Configure single server ES
29. Configure multiple site ES
30. Configure ES and other mail systems
31. Describe Message Transfer Agent (MTA)
32. Explain ES client/server architecture
33. Install professional and functional forms
34. Describe Outlook's personal folders
35. Display ES troubleshooting techniques
36. Use standard ES utilities
37. Describe interactive forms components
38. Display teamwork attitude
39. Modify existing ES forms
40. Manage Key Management Servers
41. Describe message flow
42. Install most popular message connectors
43. Describe ES upgrade process
44. Describe MS Information Store

45. Configure ES Information Store
46. Manage ES Information Store
47. Troubleshoot common ES problems
48. Describe permission roles
49. Configure Post Office Protocol version 3 (POP3)
50. Describe Exchange Administrator utility
51. Describe common object relationships
52. Describe Exchange Administrator menus
53. Describe Exchange Administrator functions
54. Describe Internet Mail Service
55. Display professionalism
56. Install and configure terminal services
57. Address ES performance
58. Configure Internet Message Access Protocol v.4
59. Configure Network News Transfer Protocol (NNTP)
60. Describe public folder architecture
61. Describe hierarchy replication
62. Describe contents replication
63. Describe Exchange security features
64. Discuss MS technologies updates

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted