

Minnesota State College Southeast

NWAT 1608: MS Workstation

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 MS workstation networking client. The students will learn how to plan, install and configure a MS workstation in a single and multi-domain environment. Emphasis will be placed on the managing, monitoring and optimizing of network resources. Basic troubleshooting techniques will be discussed as it relates to the Microsoft networking environment. The use of diagnostic and monitoring software will be emphasized. (Prerequisite: None) (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. Configure device drivers
2. Install unattended installations
3. Manage local user accounts
4. Install local user accounts
5. Configure WAN server-based installation
6. Upgrade MS workstation
7. Use control panel
8. Install mouse drivers
9. Install keyboard drivers
10. Configure display drivers
11. Install display drivers
12. Manage local group accounts
13. Install multimedia device drivers
14. Install shared folders
15. Install tape device drivers
16. Configure SCSI device drivers
17. Install SCSI device drivers
18. Configure network adaptors
19. Install network adaptors
20. Describe MS workstation removal
21. Install MS workstation
22. Describe workstation security
23. Install dual-boot systems
24. Describe dual-boot systems
25. Choose appropriate file systems
26. Plan resources securing strategies
27. Plan resource sharing strategies
28. Configure multimedia device drivers
29. Set application priorities
30. Modify workstation registry
31. Troubleshoot user-related problems
32. Troubleshoot application failures
33. Troubleshoot installation process failures

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted