

Minnesota State College Southeast

NWAT 1601: MS Workstation I

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 1

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) (2 credits: 1 lecture/1 lab)

B. COURSE EFFECTIVE DATES: 04/27/2017 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Choose appropriate file systems
2. Configure SCSI device drivers
3. Configure WAN server-based installation
4. Configure device drivers
5. Configure display drivers
6. Configure multimedia device drivers
7. Configure network adaptors
8. Describe MS workstation removal
9. Describe dual-boot systems
10. Describe workstation security
11. Install MS workstation
12. Install SCSI device drivers
13. Install display drivers
14. Install dual-boot systems
15. Install keyboard drivers
16. Install local user accounts
17. Install mouse drivers
18. Install multimedia device drivers
19. Install network adaptors
20. Install shared folders
21. Install tape device drivers
22. Install unattended installations
23. Manage local group accounts
24. Manage local user accounts
25. Modify workstation registry
26. Plan resource sharing strategies
27. Plan resources securing strategies
28. Set application priorities
29. Troubleshoot application failures
30. Troubleshoot installation process failures
31. Troubleshoot user-related problems
32. Upgrade MS workstation
33. Use control panel

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted