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