SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
CIS 241S CONFIGURING MICROSOFT WINDOWS WORKSTATION
3 CREDIT HOURS

COURSE DESCRIPTION
Provides students with the knowledge and skills to successfully plan, install, and configure a Microsoft Windows Workstation operating system. The course focuses on a Windows Workstation installation, configuration, implementation, and recovery. Managing of client services required for operation of a workstation is also covered. Security along with remote and mobile management techniques are detailed. This course helps students prepare for the corresponding Microsoft Certification exam. Prerequisite: CIS 211S with a grade of "C" or better, A+ certification, or department approval. Lab fee.

COURSE GOALS
The student will:

Bloom's Level		Program Outcomes
3	1. Complete installation of Windows Workstation and upgrade Windows Workstation.	4
4	2. Select and manage hardware on a computer running Windows Workstation.	8
4	3. Analyze migration and configuration of user data.	6
3	4. Classify and manage disks and file systems.	3
5	5. Plan the desktop environment.	8
5	6. Establish and support Transmission Control Protocol/Internet Protocol (TCP/IP).	7
2	7. Discuss supporting remote users.	2
5	8. Modify Windows Workstation for mobile computing.	5
5	9. Assess resources and performance.	8
3	10. Prepare Windows Workstation to operate on Microsoft Windows networks.	8
5	11. Modify and configure shared resources.	4

CORE VALUES
The Core Values are a set of principles that guide Edison State Community College in creating its educational programs and environment. They will be reflected in every aspect of the College. Students' educational experiences will incorporate the Core Values at all levels, so that a student who completes a degree program at Edison State Community College will not only have been introduced to each value, but will have had them reinforced and refined at every opportunity.

TOPIC OUTLINE
1. Evaluate hardware readiness and capability
2. Install Windows workstation
3. Migrate and configure user data
4. Work with disks and devices
5. Install and configure desktop applications
6. Install and configure Windows Store Applications
7. Control access to local hardware and applications
8. Configure Internet Explorer

9. Configure Client Hyper-V
10. Configure IP settings
11. Configure network settings
12. Configure and maintain network security
13. Configure remote management
14. Configure shared resources
15. Configure file and folder access
16. Configure local security settings
17. Configure authentication and authorization
18. Configure remote connections
19. Configure mobility options
20. Configure security for mobile devices
21. Configure and manage updates
22. Manage local storage
23. Monitor system performance
24. Configure backup
25. Configure system recovery options
26. Configure file recovery options