

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: CSET-445 Department: CSET

Course Title: Operating Systems 2 Semester: SPRING Year: 2004

Course Objective	Competencies
1. Implementing TCP/IP	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot TCP/IP in a Windows 2000 or Linux operating system.
2. Monitoring Network Activity	a. To be able to understand how to install, configure, manage, Ethereal. b. To be able to understand how to install, configure, manage, a network monitor like with Windows 2000.
3. Implementing IPSec	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot IP Security in a Windows 2000 operating system.
4. Resolving Network Host Names	a. To be able to understand how to resolve network host names using the hosts file and DNS in a Windows 2000 or Linux operating system.
5. Implementing Domain Name System (DNS)	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot in a Windows 2000 operating system. a. To be able to understand how to install, configure,

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6. Implementing Windows Internet Name Service (WINS)	manage, monitor, and troubleshoot WINS in a Windows 2000 operating system.
7. Implementing Dynamic Host Configuration Protocol (DHCP)	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot DHCP in a Windows 2000 or Linux operating system.
8. Providing Your Clients Remote Access Service (RAS)	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot RAS in a Windows 2000 operating system.
9. Supporting Network Address Translation (NAT)	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot NAT or Internet Connection Sharing in a Windows 2000 operating system.
10 Implementing Certificate Services	a. To be able to understand how to install, configure, manage, monitor, and troubleshoot certificate services in a Windows 2000 operating system.