

University of Technology
Computer Engineering Department
Academic Year 2023 - 2024

Second Year – Second Semester – Computer Networks Branch



CE-CN234	Network operating system	2 Hours/Week	2 Units
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Contents of Syllabus	Hours
1- Introduction to Network Operating Systems	2
2 -Characteristics of a Network Operating System	2
3- Differences Between PC and a NOS Multiuser, Multitasking, and Multiprocessor Systems Difference between Operating System and Network Operating System	5
4- NOS Server Hardware	2
4- Types of NOS Windows NT 4.0 Windows 2000 and XP Operating System Windows 2000 and 2003 Family of Operating Systems File and print share, file transfer, backup data, Remote login services	4
6- Windows Terminology	2
7- Windows server Type, application Account Administration for users Installed Components Client functionality Server functionality	4
8- Introduction to Linux History of Linux, What is UNIX	2
9-Linux Operating System Linux Clients	2
10- Determining Software Requirements for a Linux NOS	2
11- Workstation Software and Programs Server Software and Programs	3

References:-

Text books:-

- 1- Microsoft windows 2008

