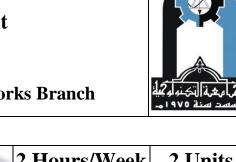
# University of Technology

## **Computer Engineering Department**

### Academic Year 2023 - 2024

Second Year – Second Semester – Computer Networks Branch



CE-CN234	Network operating system	2 Hours/Week	2 Units
Contents of Syllabus			Hours
1- Introduction to Network Operating Systems			2
2 -Characteristics of a Network Operating System			2
<ul> <li>3- Differences Between PC and a NOS</li> <li>Multiuser, Multitasking, and Multiprocessor Systems</li> <li>Difference between Operating System and Network Operating System</li> </ul>			5
4- NOS Server Hardware			2
<ul> <li>4- Types of NOS Windows NT 4.0 Windows 2000 and XP Operating System</li> <li>Windows 2000 and 2003 Family of Operating Systems File and print share, file transfer, backup data, Remote login services</li> </ul>			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

