



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Wales Institute of Science and Art

Applied Computing

Network Operating Systems and Services (ACCA5023)

MILESTONE

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Understanding of the concepts, principles, skills and techniques required to manage and deploy network resources in a Network Operating Systems environment

Week	Unit(s) Covered
Week 1(01-02-24)	Introduction to Windows Server (Understanding Networks, Components, Architectures, IP Addressing, Infrastructure, Servers)
Week 2(08-02-24)	Server Virtualization (Virtualization Modes, Hyper-V architecture, nested virtualization, Hyper-V manager)
Week 3(15-02-24)	Directory Services (Active Directory Infrastructure, DNS, OU's and Containers, Accounts and Groups)
Week 4(22-02-24)	Reading Week/ Mid Assessment Point - Coursework 1 Deadline
Week 5(29-02-24)	Routing Concepts
Week 6(07-03-24)	Domain Services - ADDS
Week 7(14-03-24)	DHCP and DNS
Week 8(21-03-24)	VPN and Storing Data (RAID, Disk Types) - Coursework 2 Research Presentation Deadline
EASTER BREAK	
Week 9(18-04-24)	Understanding Software Defined Networking
Week 10(25-04-24)	Backup/ Revision / Tutorials

Note: The dates provided for each topic are only for reference and may vary based on your understanding. It is important to regularly check for updates during the lectures/ tutorials and make necessary adjustments to your study plans.

Key Dates	23rd February 2024, 22nd March 2024 and 03rd May 2024
Assessment	Deadline
Component 1 50%	23rd February 2024
Component 2 50%	Presentation Link: 22-03-2024 at 1500 HRS Coursework 2 Report: 03-05-2024 at 1500 HRS
Worksheet 1	Build, and deploy, a Type 2 Hypervisor platform based Virtualised network
Worksheet 2	Configure, and manage a Type 2 Hypervisor platform based Virtualised network
Book	Dauti, Bekim. Windows Server 2019 Administration Fundamentals: A beginner's guide to managing and administering Windows Server environments, 2nd Edition . Packt Publishing.