

## Module Information

2022.01, Approved

### Summary Information

Module Code	6606TECYPC
Formal Module Title	Computer and Network Configuration
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
YPC International College (Kolej Antarabangsa YPC)

### Learning Methods

Learning Method Type	Hours
Lecture	36
Practical	24
Tutorial	18

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	12 Weeks

## Aims and Outcomes

Aims	To provide an explanation and practical grounding, in the construction and configuration of computer hardware, peripherals and networks.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Load and configure a typical Windows Operating System, and attach a range of peripherals including legacy devices
MLO2	2	Create a simple peer to peer network using Direct Cable Connection
MLO3	3	Explain a basic theoretical and practical knowledge of hardware and operating system software, administration and technical requirements
MLO4	4	Explain a basic theoretical and practical Networking, its basic administration and technical requirements

## Module Content

Outline Syllabus	Comparative Network Operating Systems and O/S basics Type of cabling Network basics: Topologies, Network Connections, and the TCP/IP Protocol suite OSI model basics IPv4 and IPv6 Windows Server overview Managing and monitoring Windows server Active directory and account management basics File and Print management basics Maintaining and troubleshooting a network Basic Network Security
Module Overview	
Additional Information	This module provides students with knowledge hardware and software configuration and maintenance. It provides practical knowledge of computer systems and networks.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Practical and Report	50	0	MLO1, MLO2
Test	In class test	50	0	MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Karl Jones	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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