

Summary Information

Module Code	4602YCOM
Formal Module Title	Internet and Web Technologies
Owning School	Computer Science and Mathematics
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
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	33
Practical	22

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	To introduce students to the most common technologies underlying modern computer networking and communications, to introduce the basic concepts of internet and web technologies, to explore the design issues of modern networked applications.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identifying appropriate uses of web client-side technologies
MLO2	2	Convert user requirements into a website using server-side technologies
MLO3	3	Identify applications of Internet protocols
MLO4	4	Describe various features of the Internet infrastructure

Module Content

Outline Syllabus	Basic computer networking concepts Internet networking: Personal, Local and Wide Area Networks Internet Service Providers / Broadband / Telecommunications Internet Protocols: TCP/IP/DNS/HTTP Technical, social and regulatory challenges in the Internet Understanding the construction of the World Wide Web The basics of HTML5/CSS Stylesheets Web Browsers and Rendering Web Server Technologies Scripting languages XML Social Media Technologies
Module Overview	
Additional Information	This module is intended to provide students with an understand of modern internet and web technologies. It will present the technologies underlying computer networking and the applications built on networks. These include Web page development, Web servers and social media.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Technology	Website development	50	0	MLO1, MLO2
Exam	Exam	50	2	MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Andy Symons	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings