

## Liverpool John Moores University

Title: Web Site Design  
Status: Definitive  
Code: **4603TECYPC** (121708)  
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering  
Teaching School/Faculty: YPC International College (Kolej Antarabangsa YPC)

Team	Leader
Karl Jones	Y

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 78  
**Total Learning Hours:** 200      **Private Study:** 122

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	36
Practical	24
Tutorial	18

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Web development, Presentation	70	
Test	AS2	Class test (1.30 hours)	30	

### Aims

*To provide students with a variety of techniques for website design.  
To introduce students to a range of concepts and techniques surrounding multimedia, its processing considerations and applications that enable it.  
To identify the various hardware and software tools of multimedia development.  
To develop abilities in web and multimedia development tools.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Prepare a specification for development of a web site for an organization.
- 2 Use appropriate tools and techniques to develop a commercially-oriented multimedia online solution
- 3 Identify and describe the basic components of encoding a web site.
- 4 Identify the basic concepts of multimedia, WWW, Internet and its components.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Web development, Presentation	1	2	3
Class test (1.30 hours)	4		

## Outline Syllabus

### *Web site development*

- *Fundamentals of the Internet and World Wide Web*
- *Content, Pages, Sites, HTML, CSS, Web Architectures, Management and Maintenance.*
- *Web Site structure*

### *Multimedia*

- *Classification of media types: text, image, video audio, speech, virtual reality.*
- *The development of media content.*

## Learning Activities

Lectures and practical sessions. Students will be encouraged to work both independently, and within groups. Students work in small groups to design and develop web sites for organizations.

## Notes

To plan and develop web sites using web programming languages and industry standard software applications (e.g. Dream Weaver, Photoshop, etc.)