

Part 2: Course Organization

EE4717/IM4717 Web Application Design

JavaScript, PHP, SQL, Advanced PHP

Lecturer :

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A PDF file is available for printing purpose.

No re-distribution and upload of the teaching slides, supplementary materials and recorded multimedia presentations to any publicly accessible media platform and websites.

LEARNING OBJECTIVE & EXPECTED OUTCOME

- **Objective** : provide students with a clear understanding of the architecture of web applications, as well as skills and knowledge to design and construct such applications.
- **Expected outcome**: students should be able to design and implement a good web application or portal
- **Course content**:
 - Working with Web Servers
 - Web App Design Principles
 - Client-side Web Application Programming with HTML5, CSS3, **JavaScript**
 - **Server-side Web Application Programming with PHP and SQL**
 - **Design Project**
- Lab facilities and guidance are provided for students to practice web development skills, go through the steps of web applications development cycle, i.e. design, implementation and deployment, with an in-house group project.

Coursework and Continuous Assessment (CA)

- Coursework : 50% of the total course marks.
- Examination (Open-Book) : 50% of the total course marks.

- Coursework marks are based on FOUR (4) CA components (summed to 100 marks) :
 - Progress Assessment (PA1 & PA2) (10 + 10 marks)
 - Student's in-class involvement and work on the Case Studies.
 - Project Report (Design) (20 marks)
 - Project Demo (30 marks)
 - Project Report (30 marks)

Weekly Schedule (Week 6 onwards)

WEEK	DATE	MON	TUE	WED		THUR		FRI	Topics to be covered
		1330 - 1630	1330 - 1630	0830 - 1130	1330 - 1630	0830 - 1130	1330 - 1630	1330 - 1630	
		GROUP							
		F31	F32	F33	F34	F35	F36	F37	
		S2-B3b-08	S2-B3b-08	S2-B3b-08	S2-B3b-08	S2-B3b-08	S2-B3b-08	S2-B3b-08	
6	12 Sep - 17 Sep 2016	Hari Raya Haji (AYH)	AYH	AYH	AYH	AYH	AYH	AYH	JavaScript
7	19 Sep - 24 Sep 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	PHP
	26 Sep - 01 Oct 2016	RECESS							
8	03 Oct - 08 Oct 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	SQL
9	10 Oct - 15 Oct 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	Advanced PHP
10	17 Oct - 22 Oct 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	Adding JavaScript, PHP, SQL To Web Apps
11	24 Oct - 29 Oct 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	Adding JavaScript, PHP, SQL To Web Apps
12	31 Oct - 05 Nov 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	Project Demo
13	07 Nov - 12 Nov 2016	AYH	AYH	AYH	AYH	AYH	AYH	AYH	Project Demo