

Part 2: Course Organization

EE4717/IM4717 Web Application Design

JavaScript, PHP, SQL, Advanced PHP

Lecturers :

Dr Karim

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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) (15 + 15 marks)
 - Student's in-class involvement and work on the Case Studies.
 - Project Report (Design) (20 marks)
 - Project Demo (30 marks)
 - Project Report (20marks)