Subject Description Form

Subject Code	EIE4430
Subject Title	Honours Project
Credit Value	6
Level	4
Pre-requisite/ Co-requisite/ Exclusion	Nil
Objectives	Students will be most benefited from doing projects in order to have the chance to practise hands-on application of the knowledge the student has learned through the curriculum, while producing something useful or valuable. On this ground, the Honours Project (also called Final-Year Project or FYP in short) component in the curriculum is designed that meets the following objectives: 1. To provide the opportunity to the students to apply what they have learned in previous stages in a real-life technological problem 2. To enable the student to acquire and practise project management skills and discipline on pursuing the Honours Project 3. To enable the student to apply knowledge in internet and multimedia technologies to analyse problems and synthesize solutions while considering various practical constraints.
Intended Subject Learning Outcomes	**Upon completion of the subject, students will be able to:** Category A: Professional/academic knowledge and skills 1. Understand the background, requirements, objectives, and deliverables to be produced for the specific project 2. Apply knowledge and skills relevant to internet and multimedia technologies to achieve the objectives of the project. 3. Learn to use new tools and facilities, and to gather new information, for the conduction of the project Category B: Attributes for all-roundedness 4. Work under the guidance of a supervisor while exercising self-discipline to manage the project 5. Communicate effectively with related parties (supervisor, peers, vendors, etc.) 6. Work collaboratively with others (team-partners, outsource company, technical support staff, etc.) 7. Realize different constraints, and to make appropriate compromise, when creatively designing the solution to a technical problem.
Subject Synopsis/ Indicative Syllabus	**Syllabus:** The progression of the project will consist of the following stages: Project Specification In this stage, the student will work in conjunction with the project supervisor to draw up a concrete project plan specifying at least the following: 1. Background of the project 2. Aims and objectives 3. Deliverables 4. Methodology to be adopted 5. Schedule Project Execution The project will be pursued so that the objectives are to be met; the deliverables

are to be produced in accordance with the schedule. The student and the project supervisor will meet constantly to discuss the progress. In particular the following should be demonstrated:

1. Adherence to the schedule
2. Achievement of objectives by the student's work
3. Initiatives of the student to work, design, and to solve problems
4. Inquisitiveness of the student (e.g. to probe into different phenomena or to try different approaches)
5. Diligence of the student to spend sufficient effort on the project
6. Systematic documentation of data, design, results, etc. during the process of working out the project

<u>Project Report</u>
It is important that the student is competent in disseminating the results for others to review. Through this dissemination process, project achievements can be communicated, experience can be shared, and knowledge and skills learned can be retained and transferred. The following elements will be important as evidence of achievement:

1. Project log book (documenting the work done over the year)
2. Project report (hardcopy and softcopy)
3. Presentation
4. Performance in a Question-and-Answer session
5. Demonstration

Assessment Methods in Alignment with Intended Subject Learning Outcomes	**Specific Assessment Methods/ Task**	**% Weighting**	**Intended Subject Learning Outcomes to be Assessed (Please tick as appropriate)**						
			1	**2**	**3**	**4**	**5**	**6**	**7**
	Continuous Assessment	100%	✓	✓	✓	✓	✓	✓	✓
	Total	100%							

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Specific Assessment Methods/Tasks	**Remark**
Continuous assessment	The assessment of the project work is done continuously throughout the whole project period. The evidence of the student's achievement will be documented in the log book and reports submitted in various stages. The student will be required to give a presentation and demonstration so that he/she can communicate with other parties about the project achievement.

Student Study Effort Expected	**Class contact (time-tabled):**	
	• Structured study	52 Hours
	• Meeting with project supervisor (1 hours per week)	26 Hours
	Other student study effort:	
	• Project development and guided study	102 Hours

	• Reports writing, preparing for presentation and demonstration	30 Hours
	Total student study effort:	**210 Hours**
Reading List and References	**Reference Books:** *To be specified by the project supervisor for each project.*	
Last Updated	June 2015	
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