



FOURTH YEAR DESIGN II PROJECT ASSESSMENT FORM

Project Title: _____

Student Name: _____

Student Number: _____

Rating	General Interpretation
Deficient	One or more major flaws.
Acceptable	No more than minor flaws, otherwise complete; no distinguishing features.
Good	Shows insight; some distinguishing feature(s).
Excellent	Exceptional insight and multiple distinguishing features.
<p><i>Note: A rating of Deficient in any of the shaded rating blocks results in overall failure. Indicators are intended to assist examiners arrive at a rating for the ELO. A deficient against an indicator may be compensated by high levels of performance against other indicators - in such cases examiners must record their reasoning for the ELO rating.</i></p>	

Overall Assessment:

Part I						
	Rating of the student in each outcome (with indicators)	Deficient	Acceptable	Good	Excellent	Supporting evidence
ELO 3	Design a component, system, product or process, the achievement of which requires engineering knowledge and constitutes a complex engineering problem					
ELO 3 indicators	i. Analyses and identifies requirements, assumptions, success factors and constraints					
	ii. Applies an appropriate design process and engineering methodology to arrive at output					
	iii. Validates and critically analyses the final solution					
ELO 6a	Report on an engineering activity in the form of a long technical report or paper that meets stated format requirements					
ELO 6b	Communicate with non-technical and affected parties on impacts of an engineering solution and amelioration of negative impacts in a short report.					

Part II						
	Rating of the student in each outcome (with indicators)	Deficient	Acceptable	Good	Excellent	Supporting evidence
ELO 1	Solve problems using analysis, synthesis and evaluation at various levels, including complex engineering problems.					
ELO 2	Use specialist and fundamental engineering knowledge, supported by mathematics and natural sciences, in the solution of engineering problems, including a complex engineering problem					
ELO 5	Select and effectively use appropriate tools and methods for the problem under investigation.					
ELO 7a	Identify and address social, economic or environmental impacts in the course of engineering activity					
ELO 7b	Identify, analyse, and evaluate the sustainability of an engineering solution					
ELO 8a	Work effectively as an individual in the planning and execution of a project					

Comments:	
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Date:	_____				
Internal Examiner:	Signature: _____	External Examiner:	Signature: _____	Facilitator:	Signature: _____
	Name: _____		Name: _____		Name: _____