Capstone Project 1 (EECE74125)	**Project Proposal** Date: YYYY : MM : DD	Student Name(s):

Communication - Organization, Content, and Writing Mechanics (37.5% Marks)

CM - Communication	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
CM2 - Organization	4 points	3 points Document structure and organization meets the requirements most of the cases	2 points	1 point	0 points	0 points
CM2 - Writing Mechanics	16 points	12 points Minimal errors exist, but do not distract from or misrepresent the content	8 points	4 point	0 points	0 points
CM2 - Content	4 points	3 points Content is presented accurately most of the cases	2 points	1 point	0 points	0 points

Introduction (12.5% Marks)

ED - Engineering Design	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
ED1 - Problem Statement	4 points	3 points States what problem the project will solve, but some clarification required	2 points	1 point	0 points	0 points
ED1 - Rationale	4 points	3 points States why the problem needs to be solved, but some clarification required	2 points	1 point	0 points	0 points

Literature Review (12.5% Marks)

IV - Investigation	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
IV1 - Research	4 points	3 points Reviews literature more or less thoroughly, and most of the reviewed literature are from authoritative sources	2 points	1 point	0 points	0 points
IV1 - Research	4 points	3 points Performs comparative study (with reasonable depth) on existing solutions and the proposed solution	2 points	1 point	0 points	0 points

Project Description (25% Marks)

ED - Engineering Design	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
ED1 - System Description	8 points	6 points Provides a detail description of what the proposed system will be and/or do, but some clarification required	4 points	2 point	0 points	0 points
ED1 - Project Achievable	4 points	3 points Identifies more or less clearly what will be achievable after this project that isn't achievable now.	2 points	1 point	0 points	0 points

SC - Impact on Society	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
SC - Impact on Society	4 points	3 points Identifies project context as adding societal, industrial (business or entrepreneur) and/or economic value; Identifies professional responsibility attribute(s) such as safety, ethics, societal impact and environmental concern, but some clarification required	2 points	1 point	0 points	0 points

Feasibility and Risk (12.5% Marks)

PM - Economics & Project Mgmt.	Mastering	Proficient	Developing	Emerging	No Evidence	Not Applicable
PM2 - Resource Allocation & Costing	4 points	3 points Identifies resources, knowledge, skills, expertise properly	2 points	1 point	0 points	0 points
PM3 - Risk Management	4 points	3 points Identifies risk and analyzes its impact on the project objectives properly	2 points	1 point	0 points	0 points