

COURSE/WORK PLAN – ME325 (2025)								
Course Title	Mechanical Engineering Group Project							
Course Code	ME325							
Course Credit	3							
Compulsory/Optional	Compulsory for all ME students							
Prerequisite	None							
Aim	To provide the students with the opportunity to collectively solve a real world complex Engineering problem as a member of a group. At the end of the course all students are expected to value the importance of problem formulation, justification, teamwork, project planning, and technical communication so that they will be able to fit into a team working professional environment.							
Intended learning outcomes (ILO)	On successful completion of the course, the students should be able to; ILO1: technically formulate an Engineering problem ILO2: acquire and generate new knowledge ILO3: productively work in a team using proper project management methods ILO4: communicate professionally to effectively market their solution							
Week	Lecturer	Topics	ILO	Delivery	Contact hours	Assessment/ Evaluation		Off Class Hour
						Exam, Assignment, Quizzes	Practical/ Projects	
1	DHSM	Introduction to ME325 and Finalize the project titles, Literature review May 2, 2025 11:59 PM	1	L	1			3
2		Submission of project proposals May 5, 2025 11:59 PM	1	PR	3			3
3	ALL Staff	Proposal presentations May 7, 2025 2:00 PM – May 7, 2025 5:00 PM	1,2,3,4	P	3			3
4 -7		Project work	1,2,3,4	PR	3			4
8	ALL Staff	Mid-semester progress presentations, Jun 11, 2025 2:00 PM –	1,2,3,4	P	3			2

		Jun 11, 2025 5:00 PM						
9 -12		Project work	1,2,3,4	PR	3			4
13		Submission of draft report and final presentation Jul 25, 2025 11:59 PM	1,2,3,4	PR	3			2
14	ALL Staff	Final demonstration - To Be announced	1,2,3,4	P				

+ Number of off-class hours students are expected to spend on the topic

PR- Project Work

P- Presentations

DHSM: D. H. S. Maithripala (email: smaithri@eng.pdn.ac.lk) - Course coordinator

Contact Hours		Hrs
Lecturers		1
Project work		42
Total Equivalent Hours		15
Assessment	Evaluation No.	Allocated weightage for each evaluation
	Evaluation 1	10%
	Evaluation 2	30%
	Evaluation 3a	30%
	Evaluation 3b	30%
	Total	100 %
Resources	<ul style="list-style-type: none"> • Nicholas Walliman, Research Methods The Basics • Zina O'Leary, The Essential Guide to Doing Research • Jannifer Peat, Scientific Writing Easy When You Know How • Michael Guest, Conferencing and Presentation English for Young Academics 	

