

Phase	Semester 1		4/10/2021	11/10/2021	18/10/2021	25/10/2021	1/11/2021	8/11/2021	15/11/2021	22/11/2021	29/11/2021	6/12/2021	13/12/2021	20/12/2021	27/12/2021	3/1/2022	10/1/2022	17/1/2022	24/1/2022
	Supervisor	Prof. Christopher Freeman																	
	Student	Yi Farn Lim																	
Phase	Task	% Completion																	
Literature Review	Industrial Demand and Limitation	100%																	
	Review of All Controllers Approaches	100%																	
	Review Impedance Theory	100%																	
	Review ILC Theory	100%																	
	Review Simulation Environments	100%																	
Learning (Technical)	MATLAB Crash Course	100%																	
	Revise Control Theory	100%																	
	Simulink & Simscape Tutorial	100%																	
MATLAB	Design ILC Controller for X axis	100%																	
	Design ILC Controller for Y axis	100%																	
	Design ILC Controller for Z axis	100%																	
Simulink	Construct Gantry Model (3 axes)	100%																	
	Construct Parallel Plate Gripper Model	50%																	
	Contacts Modelling	0%																	
Others	Progress Report	100%																	
	Buffer (To complete unfinished task)	NIL																	

Legend	
	Completed
	Unfinished
	None
	Deadline

NOTE	Unfinished/unouched tasks will be attempted to be completed during christmas break/exam week
	The progress shown in up to the progress report deadline