

Name	Work	2022, Qtr 2											
		mar			abr			mai			jun		
PSim Simulations	16d												
RFOC	3d												
SFOC	3d												
Variable Id Reference	4d												
PI Tunning	3d												
Anti-Slip Functions	3d												
IM Economic Studies	4d												
Parameter Discovery	2d												
Workbench Limitations (nominal values)	1d												
Motor Model Studies	1d												
Motor Model and Parameter Estimation(MATLAB)	22d												
General Motor Model	7d												
Offline Plug-In Parameter Estimation	5d												
Online Parameter Estimation	10d												
XMC Code Export and Creation	40d												
FOC Code build	20d												
Offline Parameter Estimation Code Export	7d												
Online Parameter Estimation Code Export	7d												
Anti-Slip limitations Code build	3d												
Communication Protocol Build	3d												
Testing and Verification	29d												
FOC Code Testing (No Load)	4d												
FOC Testing (Dynamic Nominal Load)	9d												
Offline Parameter Estimation Testing (Individual)	4d												
Integrated Offline P.E. and FOC Test	4d												
Anti-Slip Limiter Testing	4d												
Communication Testing (Off Test Bench)	2d												
Online Parameter Estimation Testing (integrated)	2d												
Dissertation Writing	87d												
SOTA Review	5d												
Test Bed Exploration	7d												
Economic Tests - Parameter Discovery	3d												
Test Bed Sensoring	4d												
PSim Simulations	17d												
RFOC v SFOC	7d												
Anti-Slip	4d												
Id Reference	3d												
PI Tunning	3d												
MATLAB Parameter Estimation	42d 5h												
Motor Model	3d												
Motor Model Creation / Explanation	3d												
Offline Parameter Estimation	20d 5h												
Stator Resistance Measuments	7d												
Stator Inductance Measuments	6d 5h												
Rotor and Magnetic Quantities Aproximation	7d												
Online Parameter Estimation	19d												
Relevant Parameter to Estimate	4d												
Kalaman Filters	9d												
Function and Parameter Aproximation	6d												
XMC Code Build	6d 3h												
Hardware Choice and Parameters	2d												
GPIO and ADC Configuration	2h												
FOC Code Explanation	2d												
Parameter Estimation Code Export	2d												
Communication protocol code	1h												
Testing and Results	7d												
Individual Testing (Bottom-Up)	3d												
Integrated No-Load Testing	1d												
Integrated Full Load Testing	1d												
Efficiency Calculations	2d												
Discussion and Interpretation	2d												

Name	Short name	Type	Group	Email	Cost
Test Bench Access		Work			100
Writing Time		Work			20
PSim Access		Work			30
MATLAB Access		Work			30
XMC Access		Work			40
Inverter Access		Work			150