

Date	Hours	Activity	Activity Category	Total Hours:	97
01/09/24		1 UROC and NAR Coordination	Planning		
01/11/24		2 Schedule, Monday Board, Project Outline	Planning		
01/17/24		3 "Calibration" Mini Project Coding	Coding		
01/17/24		1 Signal Filtering Research	Research		
01/18/24		1 Recursive Averaging Filter Coding	Coding		
01/19/24		0.5 Low Pass and Kalman Filter Research	Research		
01/19/24		1 Integrating GitHub into Workflow	Documentation		
01/20/24		1.5 TVC Mount CAD Design	Design		
01/22/24		2.5 Coding IMU Noise Filters	Coding		
01/22/24		2 DSP Textbook Reading	Research		
01/23/24		2 "Display Angular Velocity" Mini Project Coding	Coding		
01/24/24		1.5 TVC Mount CAD Design	Design		
01/25/24		4 TVC Mount CAD Design	Design		
01/25/24		0.5 STL Slicing and File Preparation for 3D Printing	Building		
01/26/24		1 TVC Mount Cad Design (Adjustments)	Design		
01/26/24		2 Launch Computer Design	Design		
01/27/24		1.5 Launch Computer Schematic Design	Design		
01/29/24		1 TVC Mount Cad Design (Adjustments)	Design		
01/29/24		3 Launch Computer PCB Design	Design		
01/31/24		1 Launch Mount CAD Design	Design		
02/05/24		2 Kalman Filter Research	Research		
02/05/24		2 Launch Computer PCB Assembly	Building		
02/09/24		1 "Display Orientation" Mini Project Cad Design	Design		
02/12/24		1 "Display Orientation" Mini Project Coding	Coding		
02/12/24		0.5 Test Stand CAD	Design		
02/12/24		4 "Display Orientation" Mini Project Coding and Debug	Coding		
02/14/24		2 "Single Axis PID" Mini Project Coding	Coding		
02/14/24		1.5 Launch Computer PCB Re-assembly	Building		
02/16/24		0.5 PID Loop Research	Research		
02/16/24		0.5 "Single Axis PID" Mini Project Coding	Coding		
02/21/24		2 Flight Computer Design	Design		
02/21/24		3 Flight Computer Design	Design		
02/22/24		2 Flight Computer Design	Design		
02/23/24		1 Flight and Launch Computer Adjustments	Design		
02/26/24		2 Flight and Launch Computer Adjustments	Design		
03/03/24		2 Deployable Nosecone CAD Design	Design		
03/05/24		1 Coding Flight Software	Coding		
03/06/24		3 TVC Mount Cad Design (Adjustments)	Design		
03/06/24		2 Coding and Debugging	Coding		
03/07/24		2 Flight Computer Adjustments	Design		
03/10/24		1 Soldering and PCB assembly	Construction		
03/12/24		1 Soldering and PCB Assembly, minor Debugging	Construction		
03/13/24		1 Electronics Sled Mount CAD	Design		
03/15/24		1 First integration of Genesis Rocket	Costruction		
03/15/24		3 TVC PID Coding and Testing	Testing		
03/18/24		1 Deployable Nosecone CAD Design Adjustments	Design		
03/18/24		1 Testing Motor Mount Assembly	Construction		
03/23/24		2 Test Stand Construction	Construction		
03/26/24		1 Test Stand Parts CAD	Design		
03/28/24		1 TCV PID initialization coding	Coding		
04/02/24		3 SD and Flash Data Logging Mini Project	Coding		
04/11/24		2 SD Data Logging Debugging	Coding		
04/12/24		1 TVC PID Coding and Testing	Testing		
04/12/24		2 Flight Code	Coding		
04/16/24		1 Black Powder Charge testing	Testing		
04/17/24		3 Flight Code State Machine testing	Testing		
04/19/24		2 Launch Preparation	Other		
04/20/24		2 Launch	Other		

Research	Coding	Design	Building	Testing	Other
6	25	34	8.5	8	8
1	3	1.5	0.5	3	1
0.5	1	1.5	2	1	2
2	2.5	4	1	1	1
2	2	1	1	3	2
0.5	1	2	1		2
	4	1.5	1		
	2	1	2		
	0.5	3			
	1	1			
	1	1			
	3	0.5			
	2	2			
	2	3			
		2			
		1			
		2			
		2			
		2			
		1			
		1			

