

CougSat-1											
V1.1.0				Start: 1-May-18				64 weeks		End: 23-Jul-19	
Subsystem	Component	Type	Start	Design		Implement Part 1		Implement Part 2		Test	
Self-contained system within the satellite	Subassembly of the subsystem	Primary discipline	Component commencing	Outlining, prototyping, planning, diagraming, etc.		Schematic, mCAD, front end, interfacing, etc.		Board layout, machining, backend, assembly, etc.		Functional, performance, validation, etc.	
CougSat-1	Engineering Model	Assembly	1-May-18	3 weeks	22-May-18	40 weeks	26-Feb-19	2 weeks	12-Mar-19	4 weeks	9-Apr-19
	Flight Unit	Assembly	12-Mar-19	2 weeks	26-Mar-19	7 weeks	14-May-19	2 weeks	28-May-19	8 weeks	23-Jul-19
EPS	Mainboard	Hardware	22-May-18	2 weeks	5-Jun-18	8 weeks	31-Jul-18	11 weeks	16-Oct-18	3 weeks	6-Nov-18
	Solar Panel	Hardware	31-Jul-18	2 weeks	14-Aug-18	8 weeks	9-Oct-18	4 weeks	6-Nov-18	3 weeks	27-Nov-18
	Backplane	Hardware	28-Aug-18	2 weeks	11-Sep-18	3 weeks	2-Oct-18	3 weeks	23-Oct-18	3 weeks	13-Nov-18
	PMIC	Software	23-Oct-18	3 weeks	13-Nov-18	8 weeks	8-Jan-19	3 weeks	29-Jan-19	3 weeks	19-Feb-19
Avionics	Mainboard	Hardware	28-Aug-18	3 weeks	18-Sep-18	7 weeks	6-Nov-18	7 weeks	25-Dec-18	3 weeks	15-Jan-19
	ADCS Controller	Software	25-Sep-18	7 weeks	13-Nov-18	7 weeks	1-Jan-19	3 weeks	22-Jan-19	7 weeks	12-Mar-19
	IFJR Controller	Software	13-Nov-18	3 weeks	4-Dec-18	7 weeks	22-Jan-19	3 weeks	12-Feb-19	7 weeks	2-Apr-19
	IHU	Software	25-Sep-18	3 weeks	16-Oct-18	11 weeks	1-Jan-19	3 weeks	22-Jan-19	7 weeks	12-Mar-19
Communications	Comms PCB	Hardware	28-Aug-18	7 weeks	16-Oct-18	8 weeks	11-Dec-18	8 weeks	5-Feb-19	3 weeks	26-Feb-19
	Comms Controller	Software	13-Nov-18	7 weeks	1-Jan-19	3 weeks	22-Jan-19	6 weeks	5-Mar-19	7 weeks	23-Apr-19
	+X Panel	Hardware	25-Sep-18	3 weeks	16-Oct-18	2 weeks	30-Oct-18	2 weeks	13-Nov-18	3 weeks	4-Dec-18
	Ground Station	Hardware	28-Aug-18	8 weeks	23-Oct-18	2 weeks	6-Nov-18	1 weeks	13-Nov-18	3 weeks	4-Dec-18
	Ground Computer	Software	22-May-18	3 weeks	12-Jun-18	14 weeks	18-Sep-18	14 weeks	25-Dec-18	7 weeks	12-Feb-19
Payload	Camera PCB	Hardware	23-Oct-18	2 weeks	6-Nov-18	4 weeks	4-Dec-18	4 weeks	1-Jan-19	3 weeks	22-Jan-19
	Germination PCB	Hardware	23-Oct-18	2 weeks	6-Nov-18	4 weeks	4-Dec-18	4 weeks	1-Jan-19	3 weeks	22-Jan-19
Mechanical	Structure	Hardware	22-May-18	3 weeks	12-Jun-18	14 weeks	18-Sep-18	7 weeks	6-Nov-18	3 weeks	27-Nov-18
	Germination	Hardware	22-May-18	7 weeks	10-Jul-18	11 weeks	25-Sep-18	7 weeks	13-Nov-18	8 weeks	8-Jan-19

