

		Name	Duration	Start	Finish	Predecessors
1		<b>Development of V/STOL MultiRotor</b>	<b>189 days</b>	<b>21/10/19 08:00</b>	<b>27/04/20 08:00</b>	
2		S1 Week 4 Aims and Objectives	0 days	21/10/19 08:00	21/10/19 08:00	
3		S1 Week 6 Progress Review	0 days	04/11/19 09:00	04/11/19 09:00	
4		S1 Week 10 Second Reviewer	0 days	02/12/19 09:00	02/12/19 09:00	
5		S1 Week 11 Interim Report	0 days	09/12/19 09:00	09/12/19 09:00	
6		S1 Week 12 Second Reader Meeting	0 days	16/12/19 09:00	16/12/19 09:00	
7		S2 Week 1 Intereme Report Feedback	0 days	03/02/20 09:00	03/02/20 09:00	
8		S2 Week 6 Progress Review	0 days	02/03/20 09:00	02/03/20 09:00	
9		S2 Week 11 Final Report	0 days	20/04/20 08:00	20/04/20 08:00	
10		S2 Week 12 Presentation	0 days	27/04/20 08:00	27/04/20 08:00	
11		<b>Modelling</b>	<b>68 days</b>	<b>21/10/19 08:00</b>	<b>28/12/19 08:00</b>	
12		Obtain Parts	14 days	21/10/19 08:00	04/11/19 08:00	
13		Complete Multirotor Platform	14 days	04/11/19 08:00	18/11/19 08:00	12
14		Investigate Literature	14 days	21/10/19 08:00	04/11/19 08:00	
15		Develope Dynamical Model	40 days	04/11/19 08:00	14/12/19 08:00	14
16		Develop Model Simulation	14 days	14/12/19 08:00	28/12/19 08:00	15
17		<b>Control Systems Design</b>	<b>85 days</b>	<b>04/11/19 08:00</b>	<b>28/01/20 08:00</b>	
18		Investigate Literature	30 days	04/11/19 08:00	04/12/19 08:00	14
19		PID Control Design	14 days	28/12/19 08:00	11/01/20 08:00	16;18
20		LQG Control Design	21 days	28/12/19 08:00	18/01/20 08:00	16;18
21		Obtain results in Simulation	10 days	18/01/20 08:00	28/01/20 08:00	20
22		<b>Flight Software Development</b>	<b>150 days</b>	<b>21/10/19 08:00</b>	<b>19/03/20 08:00</b>	
23		Obtain key Libraries	7 days	21/10/19 08:00	28/10/19 08:00	
24		Discretize Control Laws	7 days	28/01/20 08:00	04/02/20 08:00	20;19;21
25		Modify/Develop Existing Software	30 days	04/02/20 08:00	05/03/20 08:00	23;24
26		Implement on Embedded Harware	14 days	05/03/20 08:00	19/03/20 08:00	25
27		<b>Implementation and Testing</b>	<b>21 days</b>	<b>19/03/20 08:00</b>	<b>09/04/20 08:00</b>	<b>13;15</b>
28		Implement/Test On platform	14 days	19/03/20 08:00	02/04/20 08:00	26
29		Obtain Results and Analyse Performance	7 days	02/04/20 08:00	09/04/20 08:00	28
30		<b>Advanced Objectives</b>	<b>176 days</b>	<b>21/10/19 08:00</b>	<b>14/04/20 08:00</b>	
31		Investigate Predictive control	120 days	21/10/19 08:00	18/02/20 08:00	
32		Implement in Simulation	14 days	18/02/20 08:00	03/03/20 08:00	16;31;21
33		Modify Flight Software	21 days	03/03/20 08:00	24/03/20 08:00	32
34		Implement/test on Hadware	5 days	09/04/20 08:00	14/04/20 08:00	33;29



c 19

30 Dec 19

6 Jan 20

13 Jan 20

20 Jan 20

27 Jan 20

3 Feb 20

10 Feb 20

17 Feb 20

24 Feb 20

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◆ 03/02

The Gantt chart displays the following tasks and milestones:

- Task 1:** A blue bar starting at the beginning of the timeline and ending around January 1, 2020.
- Task 2:** A blue bar starting around January 1, 2020, and ending around January 15, 2020.
- Task 3:** A blue bar starting around January 15, 2020, and ending around January 25, 2020.
- Task 4:** A blue bar starting around January 25, 2020, and ending around February 5, 2020.
- Task 5:** A blue bar starting around February 5, 2020, and ending around February 15, 2020.
- Task 6:** A blue bar starting around February 15, 2020, and ending around February 25, 2020.
- Task 7:** A blue bar starting around February 25, 2020, and ending around March 5, 2020.
- Milestone 1:** A black diamond labeled "03/02" located around February 3, 2020.

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