					Total Percent Complete
					75%
Task #	**Task**	**Owner**	**Start Date**	**End Date**	**Percent Complete**
0	**Car Integration**				67%
1	**Dyno Integration (DI)**			**3/1/21**	76%
1.1	Wiring Diagram Completed	Interconnect	8/17/20	11/12/20	95%
1.2	Parts Manufactured and Tested	DI Subteams	10/19/20	2/19/21	79.32%
1.3	Wiring Completed	Interconnect	2/22/21	2/26/21	0.00%
1.4	Test Plan Created	DI Subteams	11/2/20	11/20/20	70%
1.5	Test Plan Conducted	DI Subteams	2/26/21	3/1/21	0%
2	**Rolling Chassis (RC)**			**2/26/21**	12%
2.1	Inventor Model	Chassis	8/17/20	10/30/20	0%
2.2	Parts Manufactured and Tested	RC Subteams	10/19/20	2/8/21	58%
2.3	Parts Mounted To Chassis	Chassis	1/25/21	2/12/21	0%
2.4	Test Plan Created	RC Subteams	10/19/20	11/20/20	0%
2.5	Test Plan Completed	RC Subteams	2/12/21	2/26/21	0%
3	**Interconnect**				92.50%
3.1	Inventor Models		10/24/20	11/1/20	95.00%
3.2	Wiring Diagrams		8/17/20	10/19/20	95%
3.3	Parts Ordered		11/8/20	11/12/20	95.00%
3.4	Drawings Done & Sent to Manufacturing		11/1/20	11/8/20	100%
3.5	Parts Received		1/20/21	1/25/21	95.00%
3.6	Parts Assembled		1/25/21	2/19/21	80%
3.7	Interconnect Assembled		2/19/21	2/26/21	80%
3.8	Test Plan Created		11/1/20	11/10/20	100.00%
3.9	Test Plan Conducted		1/20/21	1/25/21	80.00%
3.10	BOM		8/17/20	1/20/21	95.00%
3.11	Website Documentation Updated		8/17/20	Throughout	100.00%
4	**CarMan**				77.52%
4.1	Inventor Models		8/17/20	3/5/21	95%
4.2	Wiring Diagrams		8/17/20	10/20/20	100%
4.3	Board Layouts		8/17/20	11/3/20	100%
4.4	Parts Ordered		11/5/20	3/5/21	95%
4.5	Drawings Done & Sent to Manufacturing		11/6/20	3/5/21	99%
4.6	Parts Received		11/10/20	3/5/21	95%
4.7	Parts Assembled		11/17/20	3/12/21	97%
4.8	Firmware		8/17/20	3/12/21	50%
4.9	CarMan Assembled		11/17/20	3/29/21	80%
4.10	Test Plan Created		11/6/20	3/5/21	42%
4.11	Test Plan Conducted		12/1/20	3/12/21	49%
4.12	BOM		8/17/20	3/5/21	75%
4.13	Website Documentation Updated		8/17/20	Throughout	80%
5	**Battery Packs**				32%
5.1	Mechanical Test Assembly		2/8/21	3/5/21	75%
5.2	Electrical Function Demonstration				53%
5.3	Integrated Prototype				0%
5.4	Battery Pack Production				0%
6	**External Panels & Lights**				84%
6.1	Inventor Models		8/17/20	10/26/20	81%
6.2	Wiring Diagrams		8/17/20	10/19/20	100%
6.3	Software Diagrams		8/17/20	10/23/20	100%
6.4	Board Layouts		8/17/20	10/30/20	100%
6.5	Software Written		10/31/20	11/20/20	94%
6.6	Parts Ordered		11/10/20	11/13/20	100%
6.7	Drawings Done & Sent to Manufacturing		10/27/20	11/13/20	100%
6.8	Parts Received		1/25/21	1/25/21	90%
6.9	Parts Assembled		1/26/21	2/5/21	95%
6.10	Panels & Lights Assembled		2/6/21	2/8/21	85%
6.11	Test Plan Created		11/1/20	11/20/20	50%
6.12	Test Plan Conducted		2/9/21	2/12/21	25%
6.13	BOM		8/17/20	10/19/20	99%
6.14	Website Documentation Updated		8/17/20	Throughout	60%
7	**SCADA**				93%
7.1	Documentation		8/17/20	4/30/21	88%
7.2	Display Configurable Simulated Data in dyno room		10/16/20	10/30/20	98%
7.3	Carman Display with live CAN Data		10/5/20	11/16/20	89%
7.4	Carman Display with Live I2C Data		9/21/20	11/16/20	90%
7.5	Display Non-Numeric Data Types		8/17/20	10/30/20	95%
7.6	Configurable Active System Control Simulated		10/26/20	11/16/20	98%
7.7	I2C Actions		10/16/20	11/16/20	98%
7.8	CAN Actions		10/18/20	11/16/20	98%
7.9	JSON update for Driver display		8/17/20	2/1/21	85%
7.10	Post Processing Browser with Analysis		10/11/20	3/29/21	91%
7.11	Maintainability/Installation Files		10/12/20	4/30/21	99%
8	**Cooling**				96%
8.1	Inventor Models		8/17/20	10/19/20	100%

Mini School Calendar

Week #	Mon	Fri		Tasks		
1	8/17/20	8/21/20				
2	8/24/20	8/28/20				
3	8/31/20	9/4/20				
4	9/7/20	9/11/20				
5	9/14/20	9/18/20				
6	9/21/20	9/25/20				
7	9/28/20	10/2/20				
8	10/5/20	10/9/20				
9	10/12/20	10/16/20				
10	10/19/20	10/23/20				
11	10/26/20	10/30/20				
12	11/2/20	11/6/20				
13	11/9/20	11/13/20				
14	11/16/20	11/20/20	End of Classes			
15	11/23/20	11/27/20	Thanksgiving Week			
16	11/30/20	12/4/20	Final Exam Week			
17	12/7/20	12/11/20	Winter Break			
18	12/14/20	12/18/20	Winter Break			
19	12/21/20	12/25/20	Winter Break			
20	12/28/20	1/1/21	Winter Break			
21	1/4/20	1/8/21	Winter Break			
22	1/11/20	1/15/21	Winter Break			
23	1/18/20	1/22/21	Winter Break			
24	1/25/20	1/29/21	Winter Break			
25	2/1/20	2/5/21	Winter Break			
26	2/8/20	2/12/21	Classes Begin			
27	2/15/20	2/19/21				
28	2/22/20	2/26/21				
29	3/1/20	3/5/21		Parts Manufactured and Tested		
30	3/8/20	3/12/21		Parts Mounted To Chassis		
31	3/15/20	3/19/21		Rolling Chassis		
32	3/22/20	3/26/21		Dyno Integration		Design Report
33	3/29/20	4/2/21	Spring Break (30-31)	ECD		
34	4/5/20	4/9/21		Electrical Systems Installed on Car		
35	4/12/20	4/16/21				
36	4/19/20	4/23/21				
37	4/26/20	4/30/21				
38	5/3/20	5/7/21			Current Week	
39	5/10/20	5/14/21				
40	5/17/20	5/21/21	End of Classes	All Documentation (Manuals, Website)		
41	5/24/21	5/28/21	Final Exams			

8.2	Wiring Diagrams		8/17/20	10/5/20	100%
8.3	Parts Ordered		10/19/20	10/26/20	100%
8.4	Drawings Done & Sent to Manufacturing		10/19/20	11/16/20	100%
8.5	Parts Received		10/26/20	1/29/21	100%
8.6	Parts Assembled		1/29/21	3/5/21	100%
8.7	Cooling Assembled		2/1/21	3/5/21	90%
8.8	Test Plan Created		10/19/20	11/2/20	100%
8.9	Test Plan Conducted		1/29/20	3/19/21	100%
8.10	BOM		8/17/20	10/19/20	100%
8.11	Website Documentation Updated		8/17/20	Throughout	80%
9	**Chassis**				63%
9.1	Inventor Models		8/17/20	10/28/20	96%
9.2	Parts Ordered		10/15/20	11/30/20	55%
9.3	Drawings Done & Sent to Manufacturing		10/15/20	12/4/20	60%
9.4	Parts Received		12/4/20	1/27/21	55%
9.5	Parts Assembled		1/27/20	2/7/21	0%
9.6	Chassis Assembled		1/27/20	2/7/21	88%
9.7	Test Plan Created		11/11/20	12/3/20	0%
9.8	Test Plan Conducted		2/12/20	2/19/21	0%
9.9	BOM		10/11/20	10/30/20	44%
9.10	Website Documentation Updated		8/17/20	Throughout	60%
9.11	VR3 Quote		10/16/20	10/30/20	100%
10	**Brakes**				47.00%
10.1	Inventor Models		8/17/20	10/28/20	100%
10.2	Parts Ordered		10/28/20	10/30/20	80%
10.3	Drawings Done & Sent to Manufacturing		10/30/20	11/4/20	100%
10.4	Parts Received		10/30/20	11/6/20	80%
10.5	Parts Assembled		1/29/21	2/5/21	40%
10.6	Brakes Assembled		2/5/20	2/12/21	40%
10.7	Test Plan Created		11/6/20	11/8/20	80%
10.8	Test Plan Conducted		2/12/21	2/15/21	0%
10.9	BOM		8/17/20	11/13/20	90%
10.10	Website Documentation Updated		8/17/20	Throughout	0%
11	**Steering**				50.00%
11.1	Inventor Models		8/17/20	10/30/20	90%
11.2	Parts Ordered		10/30/20	11/2/20	70%
11.3	Drawings Done & Sent to Manufacturing		11/2/20	11/6/20	70%
11.4	Parts Received		11/9/20	11/13/20	80%
11.5	Parts Assembled		2/5/21	2/12/21	0%
11.6	Steering Assembled		2/5/21	2/12/21	0%
11.7	Test Plan Created		11/9/20	11/13/20	90%
11.8	Test Plan Conducted		2/12/21	2/15/21	0%
11.9	BOM		8/17/20	11/20/20	50%
11.10	Website Documentation Updated		8/17/20	Throughout	50%
12	**Drivetrain**				65%
12.1	Inventor Models		8/17/20	10/19/20	99%
12.2	Parts Ordered		10/5/20	10/21/20	95%
12.3	Drawings Done & Sent to Manufacturing		10/21/20	10/26/20	75%
12.4	Parts Received		10/7/20	10/28/20	95%
12.5	Parts Assembled		10/28/20	11/4/20	25%
12.6	Drivetrain Assembled		11/4/20	11/18/20	50%
12.7	Test Plan Created		11/4/20	11/16/20	70%
12.8	Test Plan Conducted		11/23/20	11/25/20	0%
12.9	BOM		8/17/20	11/25/20	85%
12.10	Website Documentation Updated		8/17/20	Throughout	40%
13	**Suspension**				64%
13.1	Inventor Models		8/17/20	10/19/20	100%
13.2	Optimum Kinematics		9/21/20	10/26/20	95%
13.3	Parts Ordered		10/23/20	11/2/20	100%
13.4	Drawings Done & Sent to Manufacturing		11/2/20	11/9/20	90%
13.5	Parts Received		11/9/20	11/13/20	100%
13.6	Parts Assembled		1/29/20	2/5/21	50%
13.7	Suspension Assembled		2/5/20	2/8/21	60%
13.8	Test Plan Created		11/13/20	11/20/20	90%
13.9	Test Plan Conducted		2/8/20	2/12/21	0%
13.10	BOM		8/17/20	10/23/20	90%
13.11	Website Documentation Updated		8/17/20	Throughout	80%
14	Full Car Inventor Model Complete	Chassis			45%
15	On Car Wiring Completed	Interconnect		3/5/21	0%
16	Electrical Systems Installed On Car	DI Subteams	3/2/21	3/5/21	0%
17	On-Vehicle Electrical Test Plan Created	DI Subteams		11/20/20	0%
18	On-Vehicle Electrical Test Plan Conducted	DI Subteams	3/6/21	3/12/21	0%
19	Full Car Test Plan Created	Full Team		11/20/20	0%
20	Full Car Test Plan Conducted	Full Team		4/30/21	0%
21	**Competition Deliverables**				99%
21.1	Structural Equivalency Spreadsheet (SES)	Chassis Team	8/17/20	10/14/20	100%

21.2	Project Management Plan	Management	8/17/20	11/30/20	100%
21.3	Electrical System Form 1 (ESF-1)	Full Team	8/17/20	10/21/20	100%
21.4	Program Information Sheet	Management		12/7/20	100%
21.5	Team Photo	Management		12/7/20	100%
21.6	Interim Project Report	Management		2/15/21	100%
21.7	Impact Attenuator Data	RC Subteams		2/8/21	100%
21.8	Site Pre-Registration	Management		2/15/21	
21.9	Electrical System Form 2 (ESF-2)	DI Subteams		2/7/21	85%
21.10	Design Report	Management		3/22/21	100%
21.11	Sustainability Report	Management		3/22/21	100%
21.12	Design Specifications Sheet	Management		3/22/21	100%
22	**Course Deliverables**				60%
22.1	TD001 Conceptual and Preliminary Design Study	Management	8/17/20	9/21/20	100%
22.2	TD002 Design Proposal	Management	9/28/20	10/19/20	100%
22.3	TD003 Safety Plan	Management	8/17/20	12/3/20	83%
22.4	TD004 Weekly Team Status Report and Presentations	Management	8/17/20	5/10/21	100%
22.5	TD005 5 Minute Status Presentation	Management	8/17/20	9/21, 10/19, 11/16	100%
22.6	TD006 Design Reviews	Full Team	8/17/20	5/10/21	100%
22.7	TD007 Mid-Year Progress Report	Management		12/3/20	100%
22.8	TD008 Mid-Year Presentation	Management		12/3/20	
22.9	TD009 Spring Update Report	Management		Mid Spring	100%
22.10	TD010 Final Design Report	Management		5/24/21	0%
22.11	TD011 Final Presentation	Management		5/19/21	100%
22.12	TD012 Project Video	Management		5/19/21	0%
22.13	TD013 Posters and Poster Sessions	Management		11/30/20, 5/19/21	50%
22.14	TD017 Project Website	Full Team		5/19/21	40%
22.15	TD018 Final Purchasing Report	Management		5/19/21	0%
22.16	TD019 Users Manuals and Training Videos	Full Team		5/19/21	0%
22.17	TD020 Maintenance Manual	Full Team		5/19/21	0%
22.18	TD021 Final Delivery Checklist	Management		5/19/21	0%
22.19	ID001 Statement of Individual Goals	Full Team		10/19/20	100%

Note: TD 14-16 already covered within WBS	
17.14	TD014 Subsystem Test Plans and Reports
17.15	TD015 Top Level Laboratory Test Plan & Report
17.16	TD016 On-Road Test Plan and Report