

LAFAYETTE

COLLEGE

Electric Formula SAE 2020-21

Easton, Pennsylvania 18042-1775

Project Status Report Week 12

*Covering Period From November 2nd, 2020 to November 9th, 2020
For More Information On Graphs Look in WBS, Progress and Budget Tabs*

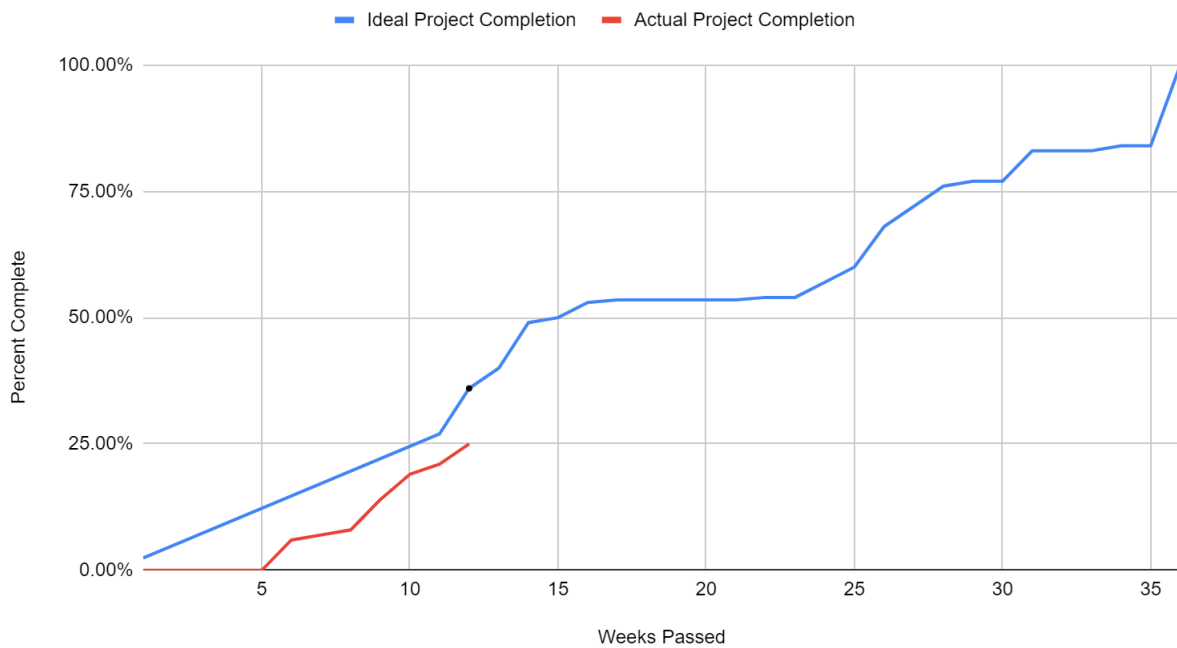
Project Completion Chart

Team	WBS Tasks Completed	Tasks Planned for Next Week	Proposed Changes	Overdue WBS Items
Interconnect	--	3.3 3.8	--	3.1 3.4
CarMan	4.2 4.13.5	4.5	--	4.1 4.3 4.4 4.12
Battery Packs	Please Update Top Level	Please Update Top Level	Please Update Top Level	Please Update Top Level
EPAL	6.4	6.6 6.7	--	6.1 6.13
SCADA	--	--	--	7.2 7.5
Cooling	8.3 8.10	--	--	8.8
Chassis	--	--	--	9.1 9.9
Brakes	--	10.9	--	10.1 10.2 10.3 10.4

				10.7
Steering	--	11.4 11.7	--	11.1 11.2 11.3
Drivetrain			--	12.1 12.2 12.3 12.4 12.5
Suspension	13.5	13.4	--	13.2 13.10
Management	--	22.14	--	--

Progress Graphs

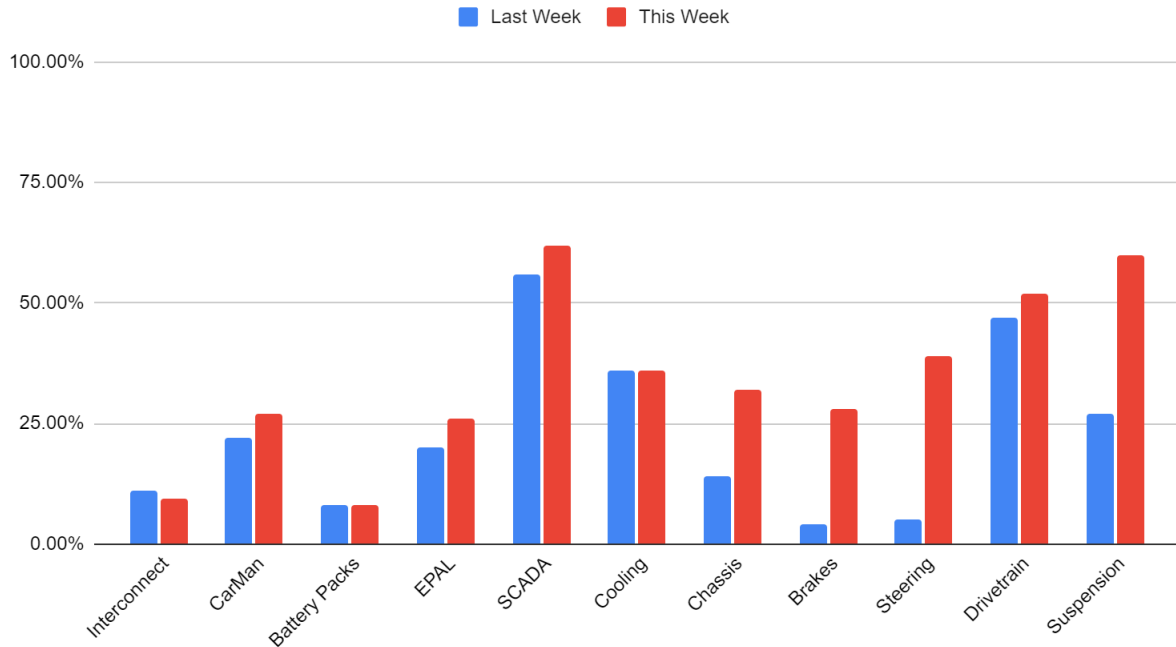
Project Completion Based On WBS



Subsystem Weekly Progress

Interconnect	9.55%	Steering	39.00%
CarMan	27.00%	Drivetrain	52.00%
Battery Packs	8.00%	Suspension	60.00%
EPAL	26.00%	Course Deliverables	18.00%
SCADA	62.00%	Competition Deliverables	25.00%
Cooling	36.00%	Real Total Weekly Progress	4.00%
Chassis	32.00%	Ideal Percent Complete	36.36%
Brakes	28.00%	Real Percent Complete	25.00%

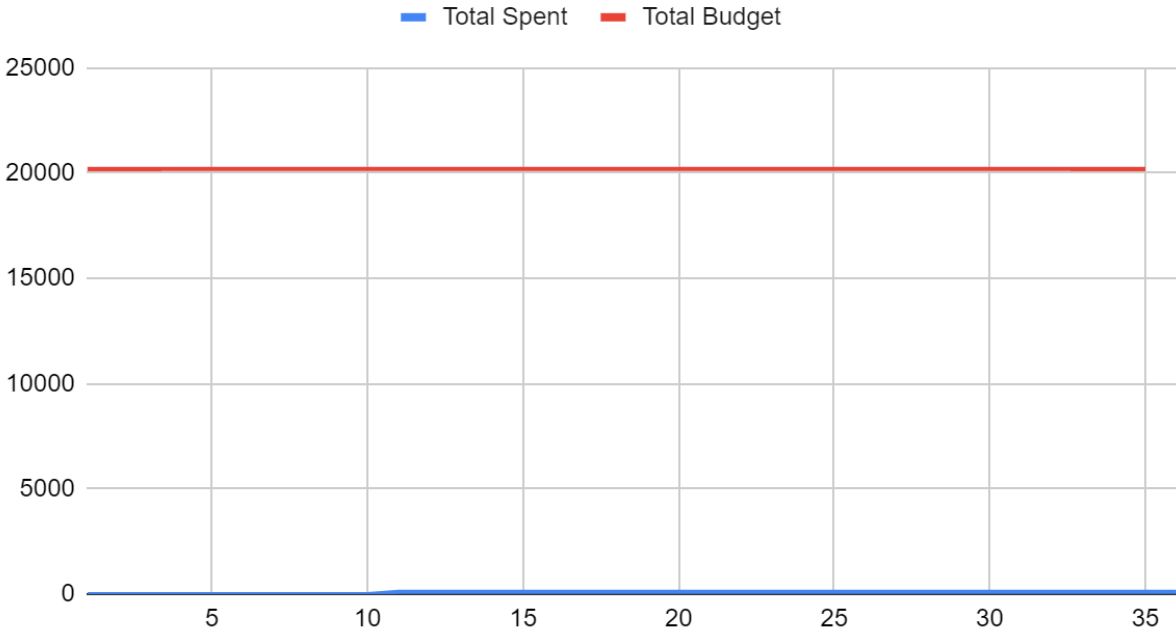
Subsystem Completion Percentages



Budget

Budget Overview				
Subsystem	Allocated Budget	Total Spent	Budget Remaining	Percentage Spent
Interconnect	1,100	0	1,100	0.00%
CarMan	4500	0	4500	0.00%
Battery Packs	1000	0	1000	0.00%
EPAL	700	0	700	0.00%
SCADA	700	39.9	660.1	5.70%
Cooling	550	0	550	0.00%
Chassis	8000	0	8000	0.00%
Brakes	700	0	700	0.00%
Steering	700	0	700	0.00%
Drivetrain	550	68.99	481.01	12.54%
Suspension	700	0	700	0.00%
Other	1000	0	1000	0.00%
Total	20,200	109	20,091	1.52%

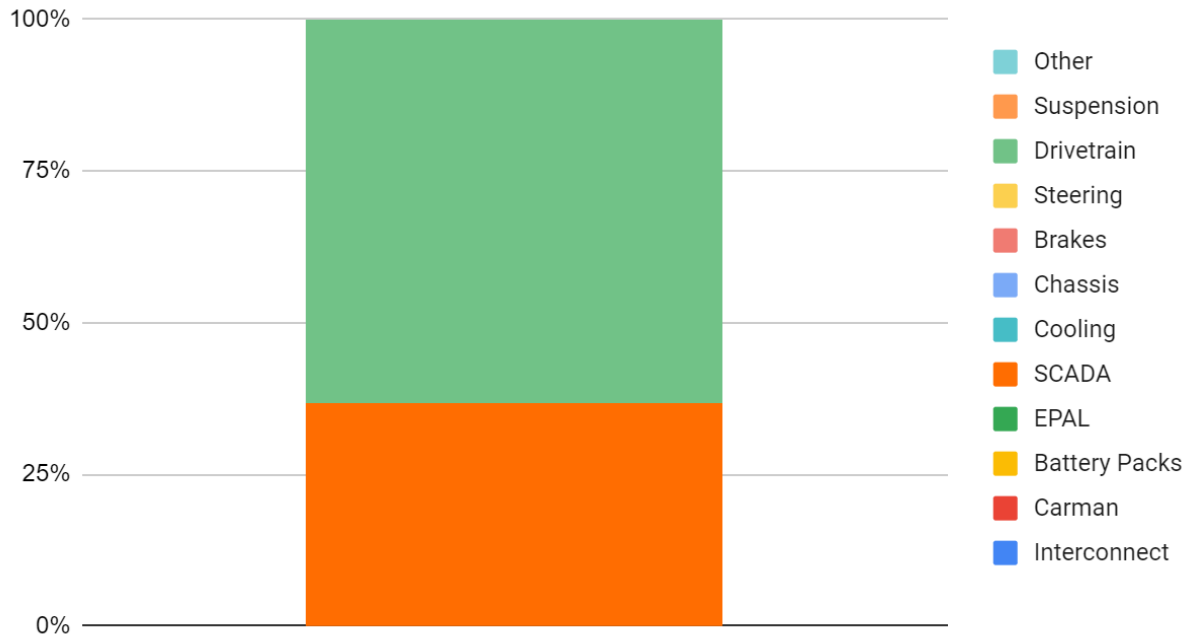
Budget Overview



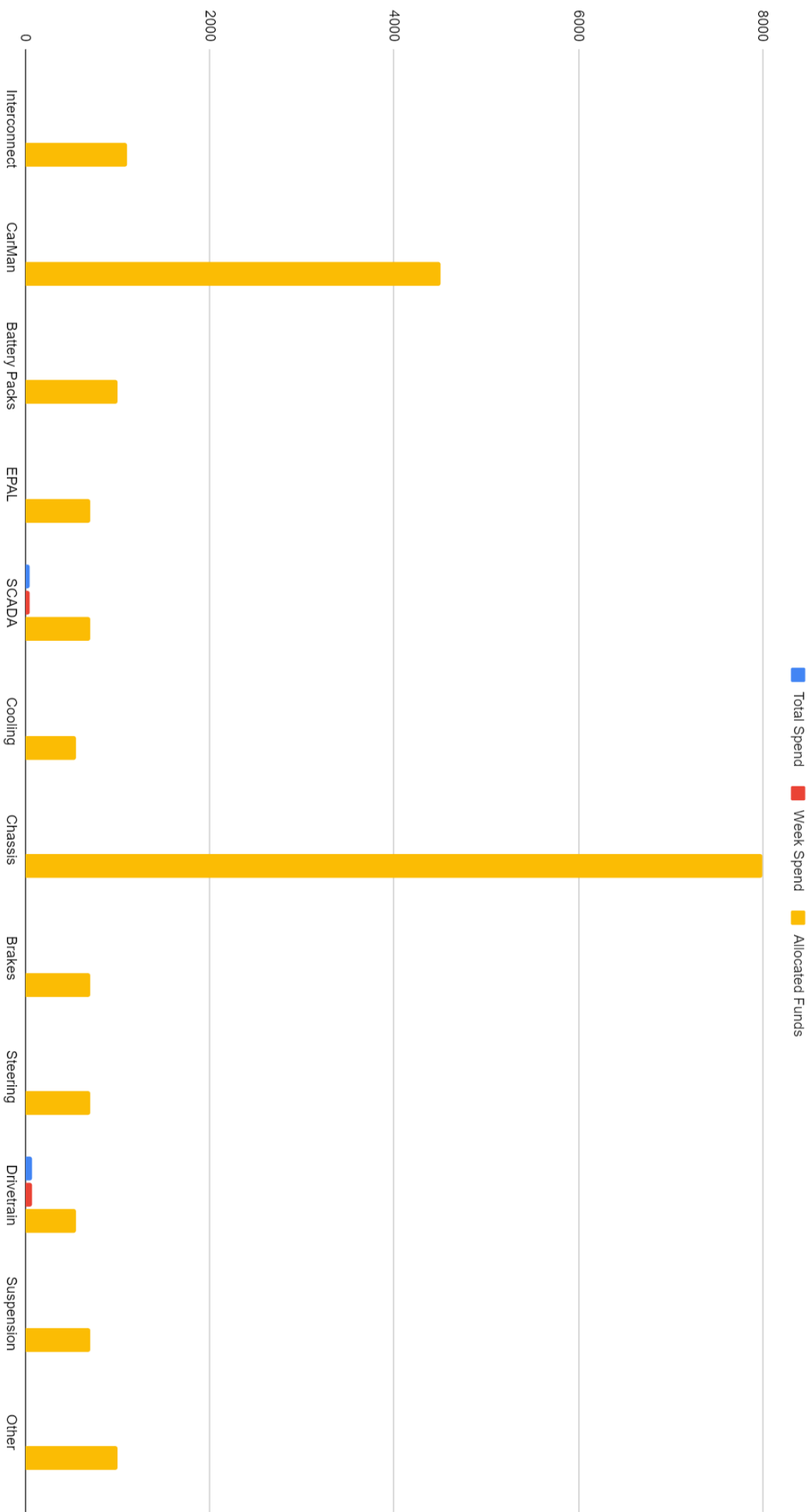
Project Spending Breakdown From Past Week

Week 11				
Subsystem	Parts Purchased	Cost	Budget Remaining	Percentage Spent
Interconnect		0	1,100	0.00%
CarMan		0	4500	0.00%
Battery Packs		0	1000	0.00%
EPAL		0	700	0.00%
SCADA		39.9	660.1	5.70%
Cooling		0	550	0.00%
Chassis		0	8000	0.00%
Brakes		0	700	0.00%
Steering		0	700	0.00%
Drivetrain		68.99	481.01	12.54%
Suspension		0	700	0.00%
Other		0	1000	0.00%
Total	--	108.89	20,091	1.52%

Team Spend Breakdown



Weekly Subsystem Spend



Approved Purchase Orders From Past Week

2020-21 PURCHASE REQUEST FORM							
Class	ME 497 and ME 495			Project/Team Name	Drivetrain		
Account # or Name:	ME Senior Design / Thesis Funds			Student Contact Name:	Lucas Foulk		
Approved by:	Prof. Helm						
Date:	2020-10-03			Web address:	https://www.revshift.com/product-p/pfx-frk.htm		
Vendor Name:	Revshift Performance Engineering				Contact Name:	N/A	
Address:	3711 E. 10 Mile Rd.				Contact Email:	N/A	
City:	Warren	State:	MI	Zip Code:	48091		
Phone 1:	N/A				Phone 2:		
Comments or Special Instructions: (Order specific details, shi							
Please deliver by 10/9 if possible							

ORDER INFORMATION							
Line	Qty	Unit	Part #	Description	Web Link	Unit Price	Price
1	1	ea	PFX-7810	Performance Flex Disc Rebuild Kit	https://www.revshift.com	\$39.99	\$39.99
2							\$0.00
3							\$0.00
4							\$0.00
5							\$0.00
6							\$0.00
7							\$0.00
8							\$0.00
9							\$0.00
10							\$0.00
Total							\$39.99

2020-21 PURCHASE REQUEST FORM							
Class	ME 497 and ME 495			Project/Team Name	Drivetrain		
Account # or Name:	ME Senior Design / Thesis Funds			Student Contact Name:	Lucas Foulk		
Approved by:	Prof. Helm						
Date:	2020-10-03			Web address:	https://www.amazon.com		
Vendor Name:	Amazon				Contact Name:	N/A	
Address:	410 Terry Ave.				Contact Email:	N/A	
City:	Seattle	State:	WA	Zip Code:	98109		
Phone 1:	N/A				Phone 2:		
Comments or Special Instructions: (Order specific details, shipment speed, etc.							
Please deliver by 10/9 if possible							

ORDER INFORMATION							
Line	Qty	Unit	Part #	Description	Web Link	Unit Price	Price
1	1	ea	512319	Hicks Rear wheel bearing hub assembly (06-13 VW jetta)	https://www.amazon.com/dp/B00	\$29.00	\$29.00
2							\$0.00
3							\$0.00
4							\$0.00
5							\$0.00
6							\$0.00
7							\$0.00
8							\$0.00
9							\$0.00
10							\$0.00
Total							\$29.00

SCADA PURCHASE ORDER IS MISSING!!!