

# LAFAYETTE

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# COLLEGE

*Electric Formula SAE 2020-21*

Easton, Pennsylvania 18042-1775

## Project Status Report Week 14

*Covering Period From November 16th, 2020 to November 23rd, 2020  
For More Information On Graphs Look in WBS, Progress and Budget Tabs*

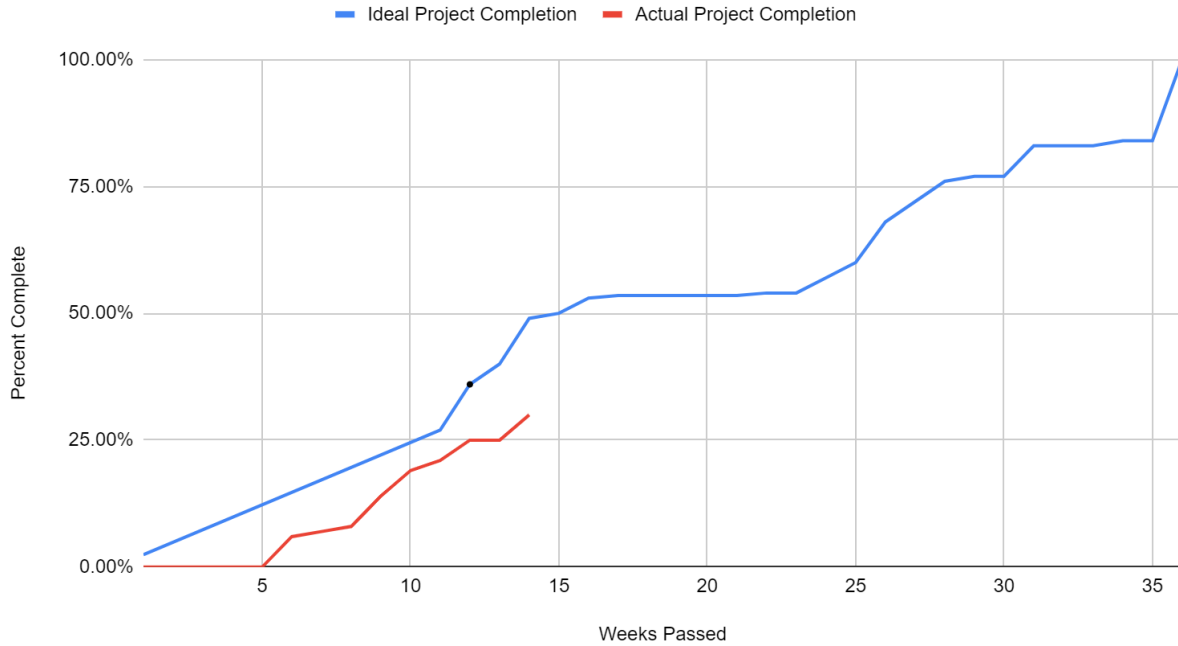
### Project Completion Chart

Team	WBS Tasks Completed	Tasks Planned for Next Week	Proposed Changes	Overdue WBS Items
Interconnect	3.1 3.8	--	--	3.3 3.4
CarMan	--	--	--	4.1 4.3 4.4 4.5 4.10 4.12
Battery Packs	--	--	--	--
EPAL	6.13	--	--	6.1 6.5 6.6 6.7 6.11
SCADA	--	--	--	7.2 7.3 7.4 7.5 7.6 7.7 7.8
Cooling	8.4	--	--	8.8

<b>Chassis</b>	9.1	--	--	--
<b>Brakes</b>	--	--	--	10.1 10.2 10.3 10.4 10.7 10.9
<b>Steering</b>	--	--	--	11.1 11.2 11.3 11.4 11.7 11.9
<b>Drivetrain</b>	--	--	--	12.2 12.3 12.5 12.6 12.7
<b>Suspension</b>	--	13.8	--	13.2 13.8 13.10
<b>Management</b>	--	22.14	--	--

# Progress Graphs

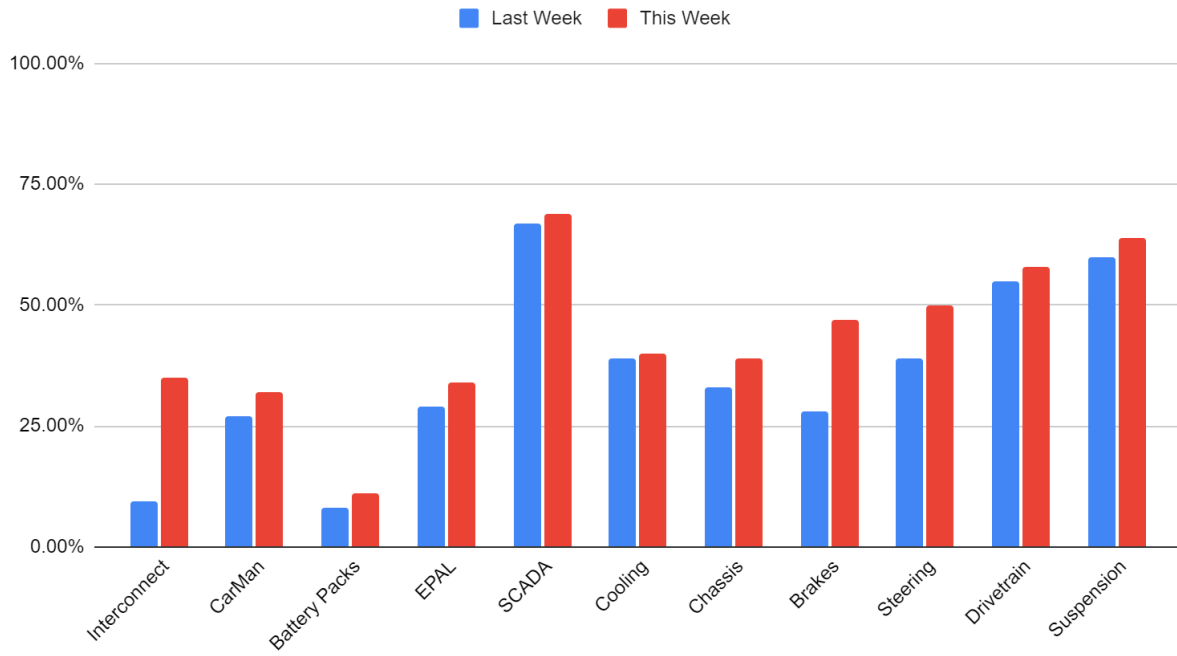
## Project Completion Based On WBS



## Subsystem Weekly Progress

Interconnect	35.00%	Steering	50.00%
CarMan	32.00%	Drivetrain	58.00%
Battery Packs	11.00%	Suspension	64.00%
EPAL	34.00%	Course Deliverables	32.00%
SCADA	69.00%	Competition Deliverables	25.00%
Cooling	40.00%	<b>Real Total Weekly Progress</b>	<b>7.00%</b>
Chassis	39.00%	<b>Ideal Percent Complete</b>	<b>49.00%</b>
Brakes	47.00%	<b>Real Percent Complete</b>	<b>32.00%</b>

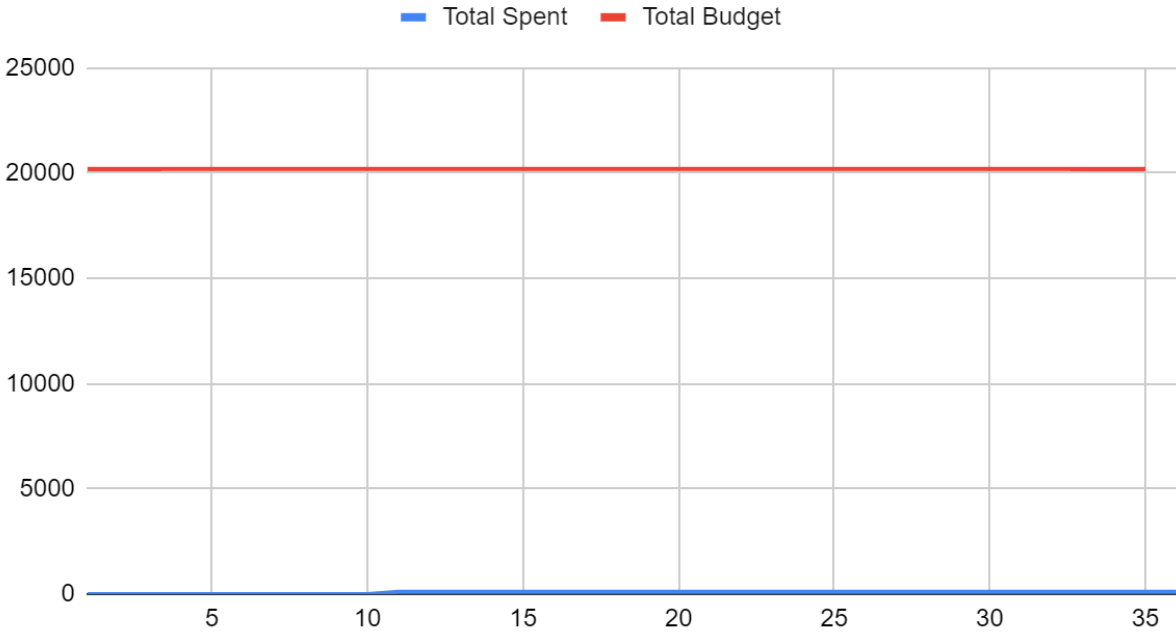
## Subsystem Completion Percentages



# 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%
<b>Total</b>	<b>20,200</b>	<b>109</b>	<b>20,091</b>	<b>1.52%</b>

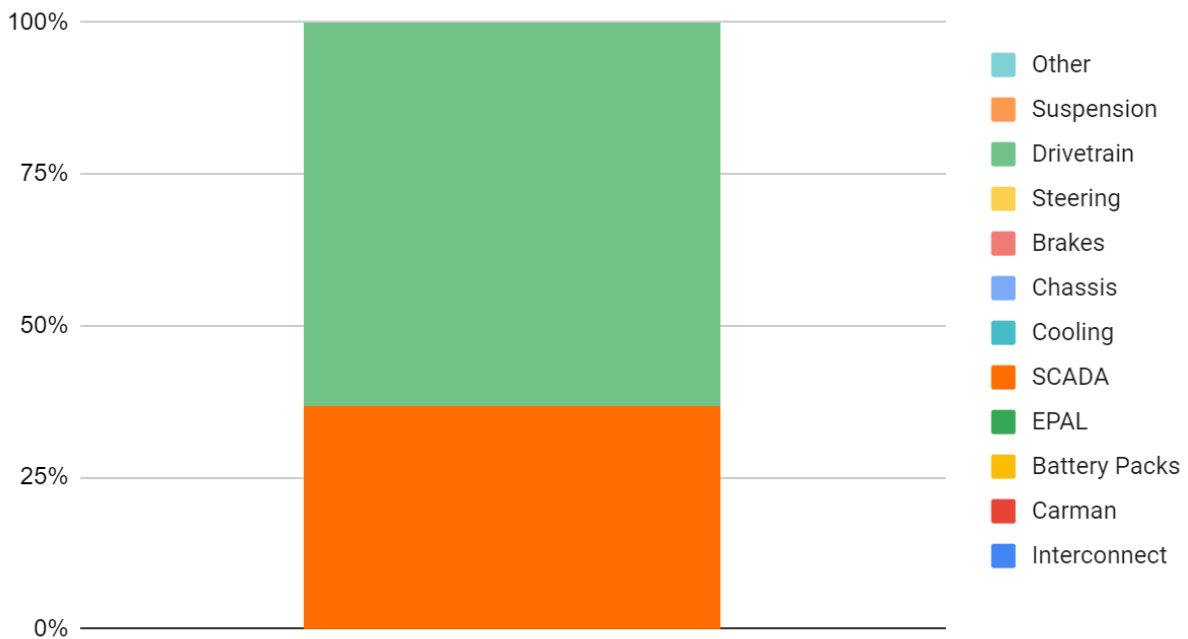
## Budget Overview



## Project Spending Breakdown From Past Week

Week 13				
Subsystem	Parts Purchased	Cost	Budget Remaining	Percentage Spent
Interconnect			1,100	0.00%
CarMan			4500	0.00%
Battery Packs			1000	0.00%
EPAL			700	0.00%
SCADA			660.1	0.00%
Cooling			550	0.00%
Chassis			8000	0.00%
Brakes			700	0.00%
Steering			700	0.00%
Drivetrain			481.01	0.00%
Suspension			700	0.00%
Other			1000	0.00%
<b>Total</b>	--	0	20,091	0.00%

## Team Spend Breakdown



## Approved Purchase Orders From Past Week

**NONE**