

LAFAYETTE COLLEGE

Electric Formula SAE 2020-21

Easton, Pennsylvania 18042-1775

FSAE Electric Formula Car Meeting Minutes– 3:10, Zoom, November 16th, 2020

Call to Order

Management Team

Percentage complete Nadovich was taking from PSL. We need to get him a fair number to represent progress.

Monday Check-Ins

- Battery-Packs
 - Cellman board changed → make an actual workbench (A large board with cellman on it) & function tested it
 - It is necessary to access cellman memory
 - Cellman board → previous team was using linux, operating system difficulties (possible software purchase)
 - Get software running on PACMAN
- CarMan
 - Board Design is behind, fixing board design after review
 - Boards will be done before spring semester
- EPAL
 - 6.1 - 6.4 are nearing completion after design review feedback
 - Ordering soon
 - Nad → issues still exist, he needs to be presented to
 - 6.5 Software will be worked on during the break
- Drivetrain & Cooling
 - Design is finalized besides reservoir
 - Waiting on rev shift order
- Frame/Chassis
 - Purchase quote came back

- If lafayette shop is to weld everything need to create jigs over the break
 - Leaning to contract the entire thing out
 - Nad → Budget unrealistic, when do we want to place the order?
- Interconnect
 - Workbench design finalized to be fore tuesday
- SCADA
 - Working on documentation
- Steering, Suspension, Braking
 - Test plans for upright controller mounting brackets
 - Braking MATLAB Code review
 - Parts in shop inventoried
- Management
 - Jack gave 5 min presentation was good
 - ESF 1 Submitted and have heard nothing back, we are in contact with the judge

Upcoming Deliverables

- November 30th
 - Project Management Plan (WBS 21.2)
 - Management handled
 - Poster Session Update (WBS 22.13)
 - How to divide the posters into groups, reach out to andrew if you have ideas
 - Poster info coming out on 11/17
 - Post separately on the website (for each group)
- December 3rd
 - TD003 Safety Plan (WBS 22.3)
 - Submit Subsystem Safety Plans by Fri?
 - Make sure it is combined, SAFETY ISSUE SPECIFIC, needs to be unified
 - Everyone needs to understand and adhere to it
 - Lockout Tagout is very important
 - TOP LEVEL DOCUMENT
 - TD007 Mid-Year Progress Report (WBS 22.7)
- December 7th
 - Program Information Sheet (WBS 21.4)

Test plans

Format → 2015-2016 Dyno test plan is good format

What are you measuring?

What data are you taking?

What are you comparing your data against?

What is a success?

TOP LEVEL DOCUMENT

Helm
Course Evaluation