

LAFAYETTE

COLLEGE

Electric Formula SAE 2020-21

Easton, Pennsylvania 18042-1775

FSAE Electric Formula Car Agenda – 3:10, Zoom, October 26th, 2020

Monday Check-Ins

- **Battery-Packs**
Focused on Cellman firmware 5.6, Current Pacman board should work. ECEs are working on whether or not if the board works. Board works → collect data from battery and send to CANBUS as well as charge the pack.
- **CarMan**
4.3 Creating designs for logic, glv and tsi boards. BOMs for the boards are being pushed back until the designs are complete. Wiring diagrams under Carman, Carman 2021
- **EPAL (Dashboard)**
6.2 and 6.3 completed. 6.1,6.4 being worked on. Inventor Models behind, interference between carman and side panels, We want a date we can start making the panels. Parts painted and labeled?
- **Cooling**
Design review 10/27 for overall design, then PO will be sent
- **Drivetrain**
Design review 10/27 for overall design, then PO will be sent, On track for drawing to go to shop by end of semester
- **Frame/Chassis**
9.11 VR3 send in for quote (expect it to take longer than expected)
- **Interconnect**
3.1 Cable Test Bench Inventor Models, 3.2 Wiring Diagram connector types. IMPORTANT when we start manufacturing cables
- **SCADA**
New WBS created, working on 7.4, 7.2, 7.6, 7.11. If you aren't going to make your goals let ppl know. If you make it by thanksgiving that would be great. Need a carman to test SCADA. Need Carman integration and dashboard integration tasks.

- Steering, Suspension, Braking
10.1, 13.4, 13.1.5
- Management

Poster Session

- Professors meeting next week to come up with a solution

Major Ideas

NAD → Want level two goals, where are going with our work

We want things to put into the dyno room

Creating a hierarchy of components that can be machines over break

PLANS MUST BE DONE BY THE END OF THE SEMESTER

Set some deadlines for deliverables so they aren't all due at once. Professors need time to review stuff.

Next semester

- Professors don't know what is next BUT
- Project should move forward at a normal rate,
 - Meetings will most likely be remote
 - Work in shops and others will be normal (with covid precautions)
 - Still trying to do the most work remotely
 - Shop work will be more difficult because ppl are rushing to the shop