

LAFAYETTE

COLLEGE

Electric Formula SAE 2020-21

Easton, Pennsylvania 18042-1775

FSAE Electric Formula Car Meeting Minutes– 3:10, Zoom, April 2nd, 2021

Schedule Update

Deliverable Update

- ESF- 2 still waiting for input, getting feedback from the judges is more important than getting feedback from NAD. We can send it even if it's not perfect.
- Test Plan - ATP channel
 - DYNO Test Plan → Make sure you give feedback → ECE final grade
 - Rule Test Review → Tuesday 4/6/21 @ 1:10, it will take time and as many members as possible should attend
 - OVER ZOOM
 - Looking at all the competition Rules so MECHEs should attend as well
 - Glance at general requirements from Statement of Work, if time allows
- Safety Plan - **Friday April 9th**, Presentation
- Repeated deliverables → poster sessions, website, etc.
 - Poster Sessions - scheduled for final exam time (there is a formal assessment of the MECHEs at the poster session)
 - Project Video - Lessons learned, look at previous videos
 - Website - Everything on the website needs to be delivered in thumb drives, including everything on the cloud. So we can run an appropriate back-up.
 - Final presentation - (in addition to the Poster Session) This is ECE exclusive

Purchasing Update

- Be mindful of purchasing in the future, we only have \$700 more.
- Receiving update, clarification on

Change 3, “Received by purchasing director or another approved person.”

- The only other approved person is the person who was cc'd in the email. If you want to pick up another person's order ask them to pick it up. Then inform them where it was put and if you have time, then inventory it.

Subsystem Check Ins

Interconnect

- No blockers

Carman

Dependencies

- Cooling is ready to test
- Waiting for SCADA to send configured PI

Battery Packs

- Waiting to machine a part to finish boardless writing and assembly

EPAL

- Software integration working on SCADA
- Date for SCADA and displays → was set for 3/19

SCADA

- Installation in the DYNO Room → in a good place
 - As soon as people are ready to give data SCADA is ready to display
- Need time to work with subsystem integration

Cooling

- Ready, waiting for integration

Chassis

- Side Pods
- Drivetrain mounting tabs ready so weld them in

SSB

Suspension

- On the Car

Steering

- Waiting for a part to be cut and assembled, close to completion

Brakes

- Still need to created

Drivetrain

- Waiting for an approval
 - Looking to get a cost for a differential (can't find in the shop)