

# LAFAYETTE COLLEGE

*Electric Formula SAE 2019-2020*

Easton, Pennsylvania 18042-1775

## **FSAE Electric Formula Car Minutes – 3:10, AEC 429, November 11, 2019**

### In Attendance:

Cat, Jordyn, Austin, Feng, Tony, Alicia, Clement, Leah, Simon, Dwayne, Phillip, Maureen, Micheal, Gabe, Jon, Luke, Tim, Jack, Noah, Nick, Luc, Zach, Carl, Prof Nad, Pro Helm, Pro Sally

Call to order

Jordyn & Cat

Scribe for the day

Austin

### Team Updates

- Meeting styles will be changed and people will show what changes they have made on the inventor model or with photo updates. Team members will present in front of the class
- Concerned about the spending

### Subsection Updates

#### SCADA

- Display order in
- Partial update on refresh rate
- Done with code by the end of the week
- Motor controller values display in dyno room

#### GLV

- Started soldering board, ready to test tomorrow in lab
- Ordered wrong connectors and new order in progress
- Still finding voltage drop, checking connectors
- To Do:
  - Solder and test ASAP

#### TSI

- Board complete and casted
- Test plan being made
- Will be tested/integrated in dyno room soon

## TSV

- Ordered PacMan, parts for PacMan to be ordered
- Schematic for PacMan in progress, board to be laid out
- Tweaks to display, which is more readable
- Final changes to prototype

## CHASSIS

- GLV/TSI design mount approved and submitted
- Front suspension mounts manufactured and to be welded this week
- Planned display mount, to be submitted this week
- Cooling mount redesigned
- Purchase order to be approved for bent members

## SES

- SES sent back with needed revisions

## INTERCONNECT

## DRIVETRAIN

- Ordered radiator fan, adaptor for hoses
- Designing new motor mount for Dyno Room
- Designing new motor shaft
- Radiator mount in, motor brackets submitted

## SUSPENSION

- Rear A-arm tubes cut, to be assembled and welded
- Has to press spherical bearings
- Can weld chassis pick up point
- Working on full car suspension model

## PEDALS

- Still looking for rebuild kits for brakes

## MANAGEMENT

- Designing new project management plan
- Resubmit SES