

# LAFAYETTE

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# COLLEGE

*Electric Formula SAE 2020-21*

Easton, Pennsylvania 18042-1775

## **FSAE Electric Formula Car Meeting Minutes– 3:10, Zoom, April 30th, 2021**

### Schedule

### Deliverables

- 1 Big Round Left
  - Competition is effectively finished for us
- User manuals are due
  - Look at the statement of work
  - Don't just re-use last years
- Final Deliverable Due Date → **5.19.21**
  - Poster session **5.25.21**
    - 4 people per poster
    - Posters are 48 x 36
    - Posters are due the wednesday before **5.19**
  - Final design report **5.24.21**
    - Placement of current effort in the larger global perspective (it is not sufficient to say it does not have an impact, be sure to explain why)
    - Talks about everything, but shouldn't have every page of every report
    - Comprehensive report & should be self contained (ECE looks at trends and impacts paper for help)
  - Website updates **5.19.21**
  - Team self evaluation
    - will be on moodle
  - Lab Clean up **5.19.21**

### End of Year wrap up

- Nad likes lessons learned from last year, get everyone screentime

#### Purchasing

- 7.48% over budget

#### Weekly Check-ins

#### Interconnect

#### Carman

- Boards have been ordered and will be by next week
- Cable manufacturing for DYNO testing

#### Battery Packs

#### Mechanical

- Mechanical parts present just need to be assembled

#### Electrical

- Ran into difficulties with safety loop

#### EPAL

- Waiting on others for DYNO testing
- Brake Light double check rules compliance

#### SCADA

- Integration w/ carman

#### Cooling

- N/A

#### Chassis

- Mounting solutions take time → if they aren't done they need to be done pronto
  - Carman need mounting solution needs to be finalized
- Seat & harness
  - done
- Pedals

- McMaster order sitting on the workbench

#### Steering

- Waiting on manufacturing and should be done assembling the beginning of next week
- Need help welding

#### Suspension

- Mounting this weekend

#### Brakes

- Order placed for needed parts waiting for it to complete the brakes

#### Drivetrain

- Waiting on part orders
- Looking to be in car next week