

LAFAYETTE

COLLEGE

Electric Formula SAE 2019-20

Easton, Pennsylvania 18042-1775

FSAE Electric Formula Car Meeting Minutes – 3:10, AEC 429, September 16, 2019

Scribe: Phillip Harding II

Attendees: Leah, Simone, Connor, Clement, Alicia, Zhengxie, Tiger, Austin, Dwayne, Phillip, Maureen, Tim, Jordyn, Jon, Zach, Dan, Carl, Noah, Gabe, Monserrat, Nick, Michael, Luc, Cat, Jack, Prof. Nadovich, Prof. Helm, Prof. Sajadian

- WBS Goals are not smart goals
- WBS Goals should be individually tailored to you
- IPR does not need non-WBS information. Make all IPR's WBS related

- SCADA
 - Release a new version of SCADA
 - Meet with meches about SCADA dashboard
- GLV
 - Have the design complete
 - GLV power supply approved and delivered
 - DYNO power supply picked out submitted and approved
 - Submit the finalized safety loop schematic
- TSI
 - Completed the tested board schematic and approved by system engineers
 - TSI test plan completed
 - For this week we will complete the TSI Board schematic
 - Parameters confirmed for enclosure
- TSV
 - Overdue items
 - Specify AMS high-level design
 - Calculated the resistance of the aluminium bar
 - Meet with Tim and Prof.
 - Demo board changes and in process
- Chassis
 - Intended to widen the cockpit
 - Reduce bottom flats

- Interconnect
 - The layout will be completed by the 23rd
- Drivetrain
 - Unfuse differential adapter from differential
 - Decide on the mounting location for the radiator
- Suspension
 - Disassembling the old car and get measurements for the new car
 - Redesign spacers, dampers, A-arms, steering rack, brakes
 - Inventor models checked
 - Prof. Helm Challenging the idea of disassembling the old car
- Pedals
 - Locate pedal information from last year
- Gantt Chart
 - Rolling chassis is a goal before the end of the semester
 - Try and have ambitious goals and finish them before winter break

- Registration December 3rd.
- Purchase reports we began
- CDR needs to be scheduled
- Prof. Nadovich is willing to waive this week's design review
- Need to plan and schedule design reviews
- Dan all dates have been uploaded
 - SES can get up to 20 bonus points if submitted before 10-16-19
 - ESF can get up to 10 bonus points if submitted before 10-23-19
- Appeal for bonus points for team photo
- Prof. Helm "All subsystems that have a mechanical aspect I want to know what goals do you all have before winter/fall break"