Minutes - 2026 - 02 - 12

Begin - 2:56 PM

Attendance

- ☑ ~~Gerardo Ramirez~~
- ☑ ~~Nick Romsdal~~
- ☑ ~~Sharif Zahra~~
- ☑ ~~Brady Harkleroad~~
- ☑ ~~Daniel Davis~~
- ☑ ~~Summer Morris~~

Old Business

- Update cleanness of Capstone desk workspace.
  - Done.
  - Nothing of note.
  - Inventory will be sent with meeting minutes
  - Random assortment of items
  - Spool of filament 1.75mm PLA 1kg
  - 2 mystery items.
- Update: Team Contract revision.
  - Revision submitted before deadline. 2nd review is currently in progress?
  - Need to add Summer to contract.
- Update: Review Robot Fusion 360 models to determine robot internals.
  - The Fusion 360 model on the rover website is no longer active. The .STL model provides redundant information.
- Update: Meeting with Ben Burchfield.
  - CS team completed their leg of project.
  - CS team had their own DEVCOM contact to complete CirceSoft.
  - CAT5 Ethernet cable issue
    - Possibly torn or sheathing was worn down in Tennessee environment.
  - CS team experienced hardware/software integration issues.
    - i.e. not in deployable state
  - Burchfield mentioned he is available for help, also gave contact information for last year's CS team lead.
- Update: Meeting with Dr. Rizvi
  - Dr. Rizvi has agreed to be our advisor/supervisor for the project.

- He has asked for a schedule of meeting times between himself and the team.
- Will be sent [Project Summary Package](#)
- Update: Remaining potential advisors
  - Dr. Van Neste
    - Meeting scheduled for next Wednesday at 1:00 PM
    - Dr. Van Neste has already mentioned he is very busy.
    - Most likely will not be asked to be adviser to due Van Neste's schedule, more asking about his view on last year's team's success.
  - Owen O'Connor
    - Not official supervisor but interested in helping with project.
    - Will be sent [Project Summary Package](#)

New Business

- DEVCOM meeting
  - First meeting with DEVCOM is currently scheduled for February 23rd, 2026 at 3:00PM.
  - Location: TBD
    - ACE Room?
    - APOP meeting location used for Air Force calls?
  - DEVCOM has requested to meet biweekly. How can we plan to accommodate this?
  - Questions to ask DEVCOM:
    - Ask for clarification of robot's necessary capabilities. Should we expect a human at the final waypoint to unload the spool?
    - When operating with GPS, should we expect to deal with signal jamming?
    - Compile list by **February 22nd, 2026**
- Microsoft Teams Onboarding
  - Consider adding Gantt Chart feature
- ME Capstone Team (They now exist!)
  - Dr. Pardue (ME Dept.) will work on getting the ME team contact information to the EE team to begin collaboration.
  - 3 people on the team. Contact information given to EE team by Dr. Pardue
  - Will look into onboarding ME team into Microsoft Team.
  - Will meet to lay out expectations and sub team scope within first meeting(s).
- Project Proposal timeline
  - With the DEVCOM meeting being scheduled February 23rd, will Dr. Storm grant an extension for the proposal since we do not the new requirements set by the customer?
  - Gerardo will email Storm by EoD.
- Project Proposal Outline
  - [Project_Proposal_Contributions.xlsx](#)
- Project Summary Package Review

Do Outs

- All: Complete drafts of Project Proposal sections as outlined in Project_Proposal_Contributions.xlsx by February 19th.
- Gerardo: Contact Mechanical Engineering DEVCOM capstone team.
  - Determine meeting plan (time, location , frequency) and determine project scope.
- Gerardo: Send Project Summary Package to Dr. Rizvi and Owen O'Connor.
- **Nick: Finish Project Summary Package and send to team for revision.**
- Gerardo: Email Dr. Storm about the Team Contract revisions and adding Summer to Team Contract.
- Nick: Create DEVCOM question document to DEVCOM MS Teams for 02/23/26 DEVCOM meeting.
- Gerardo/Nick: Look into finding room for biweekly DEVCOM meetings.
- All: Update any expected unavailability in MS Teams calendar.

Adjourn - 4:07 PM

Important Deadlines

Project Proposal - February 23rd, 2026 @ 11:59 PM
Conceptual Design - March 25th, 2026 @ 11:59 PM
Detailed Design - April 24th, 2026 @ 11:59 PM