# 2018-11-1 - Capstone Meeting Notes

**News**:

**Meeting assignments (OreSat General, OreSat Structural, PSAS general, UTEAP)**:

* Katherine - PSAS General Meeting/UTEAP
* Tyler - Structural/UTEAP
* Jeremy - OreSat General
* Parker - UTEAP and Pierros meeting (when applicable)
* Griffin - OreSat General
* Tom - OreSat Structural/UTEAP

**Discussion**:

Meeting notes in general:

* We need to interview Joe and Andrew for what are next steps
* In depth fasteners on the inside of the satellite
  + Complex geometry, like sharp points, is tough computationally
    - Typically round corners to fix this
* Fair question for Andrew/Joe - Hot testing for 100 C
* Midterms week - Not much progress is fine
* UTEAP proposal submitted
* PDS: <https://docs.google.com/document/d/1cJ2K7rBSguXq5ol2Kc7iopI0Gd6_o7nUgns6N8L9ixs/edit>
* UTEAP proposal: https://docs.google.com/document/d/1tJiWq4i2-R4kj8oI-8ij6wXpKuWvvWQLVcTUZWUjt2c/edit

**OreSat General - Fridays at 2pm - (Griffin/Jeremy):**

* Glenn talked about using ANSYS as a digital twin for the satellite
  + Splitting the cost

**PSAS General - Tuesdays at 7pm - (Katherine):**

* N/A -

**OreSat Structural - Sundays at 12pm - (Tyler/Tom):**

* N/A

**Pierros Meeting (Parker):**

* N/A

**Progress**:

**Parker**

* UTEAP grant proposal submitted and getting budget balanced

**Katherine**

* Finished onboarding reading

**Tyler**

**Jeremy**

* GitHub introduction: done

**Griffin**

* Familiarizing with ANSYS

**Tom**

* Finishing GitHub reading and familiarizing self with model

**Action Items**:

1. **Everyone** needs to review the GitHub workshop. Do it at double speed, makes it bad
2. **Everyone** needs to begin the ANSYS training modules
   1. Extend next meeting by an hour to do ANSYS training stuff
3. Read up on the thermosphere
4. Message Joe about a parts list for the SolidWorks model - **Parker**