# 2018-10-25 - 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:

* **Anything** pertaining to Thermal specifically, or Thermal Testing (vacuum chamber type items)
* General discussion of the OreSat meeting
* If any other teams need to communicate with us about our work, or what information we may be able to provide them

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

* N/A

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

* UTEAP budget meeting afterwards
* Thursday 5pm hangouts (PSAS)

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

* N/A

**Pierros Meeting (Parker):**

* Nothing since 10/16

**Progress**:

**Parker**

* UTEAP budget items are under discussion, which includes an addition to our project: Building a “test stand” for the vacuum chamber for the satellite to sit on
  + Check out the material “zeolite”, found in meeting notes with Pierros
* Started brainstorming budget, presenting to Andrew today at 5pm
* <https://en.wikipedia.org/wiki/Zeolite>
* Everyone look at Pierros meeting notes (10/16) found in OreSat Meeting Notes: <https://docs.google.com/document/d/1mNIk4XnMYgLAWCJZSjRHi1wuyD29r9vJx4QHynhkO5I/edit?usp=sharing>

**Katherine**

* Will be attending the PSAS general meetings via hangouts/person

**Tyler**

* Will be attending the structural meetings via hangouts/person

**Jeremy**

* Will be attending the google hangouts for OreSat general

**Griffin**

* Met With Tretheway
* Ansys Demonstration

1. Self paced online course through Cornell <https://www.edx.org/course/a-hands-on-introduction-to-engineering-simulations>
   1. Can get a certificate after completion for $50
2. Online tutorials <https://studentcommunity.ansys.com/cat/support-resources-tutorials>
3. Student community blog <https://studentcommunity.ansys.com/>
4. For our project Ansys:Discovery Live recommended
5. Nvidia GTX 1080 required (?!)

* How to use Ecosystem?
* Github workshop Sunday 10/28/2018 @1:00 EPL room

**Tom**

* Created a pack and go for the OreSat satellite, making the model itself accessible (!!!!!111!1!1)

**Action Items**:

1. Discuss vacuum chamber platform design for **Jeremy** to mill and create at some point (not now but good to think about)
2. Outline PDS - High level item
3. Reading **needs** to be done by 11/1, we should be done or almost done by now
4. Begin justifying parts on SolidWorks model, and make suggestions as to simplification of the model
   1. Joe and Andrew are great resources to discuss this with
5. Lets figure out some simple Ansys models to practice
   1. Also start taking their online course and maybe pay for a certificate?
6. Must plug in meeting notes to Ecosystem now - **Jeremy, Griffin**
7. GitHub meeting on Sunday - **Tyler**, **Griffin** (maybe), **Parker** (first ½)