# 2018-10-18 - Capstone Meeting Notes

HIgh level information

**Applying for UTEAP**

* Sent in pre-proposal to department on Tuesday
* Final proposal/grant due 10/26
* UTEAP team meeting at Sunday 10/21 @ 2:30pm - Rocket Room

**Thermal analysis**

* Using Ansys to construct simulations for the thermal model of satellite
* Physical verification of results done through lab 60-12
* Must provide actionable suggestions for operation, maintenance and construction of the satellite itself

**Meeting to attend**

* PSAS: Tuesdays @7:00pm EB 86-01 or google hangouts
* Capstone: Thursdays @10:00am EPL conference room
* OreSat General: Fridays @2:00pm Rocket Room or google hangouts
* OreSat Structural: Sundays @12:00pm Rocket Room

**Google hangouts:**

* [psas.pdx.edu/hangout](http://psas.pdx.edu/hangout)

**Oresat Introductory Material:** <https://github.com/oresat/getting-started/blob/master/README.md>

**Onboarding**

* Meeting with Andrew Greenberg
  + Discussion around meeting after PSAS general meeting at 8:00pm 10/22
* Most of us have Ansys downloaded and working
* Everyone is nearly done with the reading on github
* Everyone has been included on Asana and has full access to the project itself
* Everyone has been signed up for PSAS, as required by sponsor

**Overarching Goals**:

* Extreme temperatures
  + High and low
* Roll rate
* Simplifying model
* Material properties
* Worst case scenarios for initial attitude, orientation and spin post ISS launch
* Vacuum chamber