**Cubesat Communication**

* Onboard communication system
  + How much data can be stored
    - How much of this data can be transferred given a certain amount of time (data transfer rate)
* How are we going to be communicating with the ground
  + Band of radio
  + Frequency of communication
    - Design around whoever is receiving the signal
    - Sensitivities of stations receiving the signals
  + Determining how long will be connecting and how many packets can be sent
    - Can we get this accurately in that time period
  + Error word reporting
  + Antenna necessities
    - Power requirements
* Determine and create data packets ahead of time
  + Receiving data from different systems (GPS, Payload, etc.) and creating data packets based on the data
* Hardware necessary for communication
  + Amtel processor tied to breadboards
  + Power requirments