NOTES

To-Do List:

* Add safety checks on temperatures (2018-02-20/x)
* Include analog control for the power supplies/heater (2018-02-20/x)
* What is the rate of change for the VFDs? (2018-02-20/x)
* Add simple feedback for mass flow rate control (2018-02-20/x)
* Add simple feedback for CTAH outlet temperature (2018-02-20/x)
* Add air flow openings for the CTAH air inlet for when doors are closed (2018-02-20/x)

Complete:

* Asd

General Notes

Meeting with Prof. Auslander on 2018-02-15

* Define error tolerances for control elements and keep the errors small (subject to disturbances)
  + Never ask the system to do something it can’t do
  + Small changes in set-points lead to small errors!
  + Avoid unpredictable behavior
* Architecture
  + Have a supervisory layer that sits between the user and the control of hardware; the supervisory layer handles set-points for the control of hardware
    - May need additional coordinating layer(s) between supervisor, hardware if there are split hardware, other complications
    - Layers above supervisor are goal-oriented
* Need to familiarize self with object-oriented coding and the value of it; should learn Java basics