

# Meeting Minutes

**Date:** 1/14/15

**Present:**

- ME students:
  - Steven Blanchette, David Deli, Jeremiah McCalister, Abigail McCool
- CE students:
  - Kimberly Martinson, Theodore Meros
- Faculty/Advisors:
  - Dr. Jung, Dr. Taira

**Notes:**

- Kim and Theo are working on minimizing the weight of the tower
  - Using internal bracing at the bottom of the tower to reduce the weight
- Tower prototype should realistically be finished within two months
- Blades – molds are way too expensive therefore Styrofoam is the most viable option for the blades at the moment
- Dr. Taira's comments:
  - Does anyone sell the NACCA 64 blade? We could use it with a mold which would prevent the necessity of hand cutting out Styrofoam. Check Hobby Town USA
  - A similar air foil will suffice
- Grainger is very quick
  - The one on campus
- Dr. Jung's major comments:
  - Order materials ASAP
  - Turbine info- what you have to pay and what you get (cost and revenue)
  - Dr. Jung is going to provide hourly data for wind speeds in Florida
- Dr. Jung's minor comments:
  - Design revisions
- Stevie's issues with Pro-E
  - Export solution with Pro-E to see where it is failing. Loosen constraints
- Send Dr. Jung a semester schedule
- Scult TEO = 3d printing
- To do:
  - Jeremiah- Hobby Town
  - Stevie- Mr. Larson
  - Abby- Schedule