

Meeting Minutes

Date: 10/23/14

Present:

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

Notes:

- Dr. Jung wants engineering numbers (analysis)
- Structure and blade analysis will be interrelated therefore civil and mechanical students need to communicate! (force analysis will be an iterative process)
- Prototype discussion:
 - Think about the size of the prototype based on material cost
 - Dr. Jung suggests very large prototype (2 meters)
 - How to build an airfoil?
 - Use mold
 - Dr. Taria will provide resources
 - Company cuts out Styrofoam mold for you if you provide STL file then you pour resin into the mold
 - Outside materials/ donations don't go into the \$2,000 budget
 - Dr. Taria may be able to secure working space for team in the AME building
 - Manufacturability is critical
 - The time necessary to build the design is very important (it must be manageable)
- Abby and Stevie will be meeting Dr. Taria tomorrow (10/24/14) from 9:15 - 10:00 to discuss airfoil dimensions