September 16 2011

Time: 2pm-3:30pm

**-Old Business**

     \*Begin to analyze rules for safety inspection requirement

     \*Email minutes to Dr. Farrukh Alvi (ME Advisor), Dr. Frank (ECE advisor)  (DONE)

     \*Code of conduct signatures? (DONE)

**-New Business**

**\***Needs assessment report/Project scope due in two weeks 9/29

     \*Product Specification and Project Plan due 10/13

     \*First presentation at the end of October

     \*Need to schedule a meeting with Dr. Frank next week (ECE only)

     \*ME advisor meeting:

     \*Career day

**-Beginning the design**

\*Airplane design

     \*Scalability of large airplane design

     \*Funding and current budget

     \*Possible sponsors

**-Needs assessment**

\*Example paper

     \*Short in length

     \*Will complete after meeting with advisors next week

**-Deadlines**

\*Deadlines for the competition are set by the  Association for Unmanned Vehicle Systems International (AUVSI)

**-Background Research Topics: Will constantly research and develop design ideas, will report status every meeting**

1.Structure-Ryan

     2.Propulsion-Antwon

     3.Materials-Walker

     4.Power-Alek

     5.Controller-Bryan

     6.Sensors-Eric

**-Ideas**

**\***Camera: wide angle, multiple cameras, save to sd card

     \*Streaming video vs. pictures

     \*Two camera idea with sd card storage

     \*Camera takes pics and adds gps data

     \*Rule binder

     \*Automatic takeoff and landing kit

     \*ardupilot-mega

**-Career Day next wed.**

\*Info sheet

     \*request for funding

     \*Try to schedule buddy

     \*Possible funding organizations

          ~Navair

          ~NSA

          ~GE Aviation

          ~Northrop Grummen

          ~Raytheon

          ~CIA

          ~Telegent electronics (Spreadtrum)