Demonstration of Semester Long Projects in Cook Engineering Laboratory

Vertical axis Savnoius wind turbine for energy studies and real time controllable lift studies (target: ME 4440 lab, ME H4150)

Operational and power amplifier electronic circuits for small and medium size DC motors (target: ME 4030, ME 8230 control courses)

Pneumatic cylinder actuation for manufacturing process with accompanying Solidworks computer animation

Beam bending and real time data acquisition using strain gages / load cells on car flags with wind tunnel demo (target: ME 3330 lab)

Assistance from Gwen Dockins, Corbin Kolehmainen, and Janeen Putman plus Ron Saleeby (LTA), and Gibran Ali (grader)