

Capstone Product Requirements

- 1) Physical
 - a) Subsystems
 - b) Dimensions
 - c) Weight
 - d) Materials
- 2) Electrical
 - a) Voltage/current
 - b) Power
- 3) Mechanical
 - a) Forces/torques
 - b) Power
 - c) Motors
 - i) Type
 - ii) Torque/rotational speed/horsepower
- 4) Chemical
 - a) Material Mixtures
- 5) Software/computer
 - a) Flow/logic
 - b) Routine functionality
 - c) GUI
- 6) Functional/operational
 - a) User Procedures
 - i) Turn ON/OFF
 - ii) Initialize
 - iii) Operate
 - iv) Modify
- 7) Performance
 - a) Speed/timing
 - b) System response
 - c) Transients
- 8) Safety