# END-OF-SEMESTER SNAPSHOT DAY/DESIGN EXPO (1st Semester Teams)

**EXPECTED OUTCOMES**

* **System Design** - The team has developed an idea for the final design. The team has identified and described the subsystems necessary to meet client needs.
* **Data and Prototypes** – The team has designed, built, and tested relevant prototypes and has assembled evidence (drawings, flowcharts, diagrams, calculations, prototypes and/or experiments) that the concept design will work.

**PREPARATION (review display items with lead instructor and graduate student mentor)**

* Project portfolios should be updated to include a synthesis of your project learning and conceptual design
* Bring any supporting hardware/software, CAD models, proof-of-concept prototypes, etc.
* Make 8.5x11 printouts to create a posterboard that includes:
  + Team name, team members, sponsor
  + Updated Problem statement
  + Updated Table of Specifications (general reqs, specific reqs, target values)
  + Outline your major areas of project learning as well as your findings/results (in prototyping, in modeling, in experimentation).
  + Convincingly illustrate that all components of your design will work.
  + Communicate vision of final product architecture (sketches, drawings, diagrams).
  + List unresolved issues and your plan for attacking these.
  + Plan for project completion (milestones & dates)
* Supplement your posterboard with laptop show/tell, if appropriate.

**DELIVERY (on Snapshot Day)**

* BUSINESS ATTIRE – button up shirts, slacks, and interview style grooming.
* Advance clean up around your work/display area and early set-up at your location.
* Make logbook entries with lessons learned about your project and project actions other teams are taking that you want to emulate.