**Senior Design II**

**Technical Presentation # One (Overview)**

**Time: 10 Minutes**

**Number of slides: 10 to 15**

* **Opening slide (similar to SDI & updated for SDII)**
* **Outline (Overview, Final Design, Market Analysis, BoM, Gantt Chart), Parts Status, Key Dates**
* **Overview (Background research, Competitive Products, & Elevator Speech)**
* **Final Design (QFD, Problem Definition, Concept Generation, & Final Design) including detailed, dimensional 3D picture**
* **Market Analysis (Size & Impact based on Competitive Advantages)**
* **Prototype & production costs**
* **Bill of Materials (Do you have all the parts? If not, when will you have them?)**
* **Gantt Chart (Key dates like All parts in hand, Start date for proto, finish date for proto, initial set of data after completing sanity & safety checks)**
* **Parts pictures & detailed plan for manufacturing**
* **Issues & accomplishments (so far)**
* **Detailed weekly plan till Spring Break**
* **Summary**
* **References**