

# **ECE 2799 Design Review #1**

## **Presentation Guideline**

### **Attention ECE 2799 Students!**

For your first Design Review, you should plan on a 10min Power-Point presentation with 5 minutes of Q&A. This presentation should address the contents of HW#1 and HW#2, and answer the following questions.

#### **1. Introduction**

- What is the name of your project or product?
- Who are the members of your group?

#### **2. Problem Statement**

- What is the need? What is your product idea?

#### **3. Market**

- Who is your market?
- What type of market research did you perform?
- Why is your product of interest to this market?

#### **4. Competition**

- What is the prior art?
- Who is your competition?

#### **5. Customer Requirements**

- What are your customer requirements?
- How did you determine them?
- Which are critical? Which are not?

#### **6. Product Specifications**

- What are your product specifications (both explicit and implicit)?
- What technical research did you perform to determine them?

#### **7. Value Analysis**

- What value analysis did you perform? What were your criteria?
- What features or options are you considering, based on your value analysis?
- How will your product compare to the competition?

#### **8. Constraints**

- What constraints did you apply to determine your “best” solution?
- How did you determine them?

#### **9. Artist's Rendition**

- What will your product look like?

Also, be sure to PRACTICE with each other as a group.

Prof. Bitar.