

# ECE 2799 Design Review #2

## Presentation Guideline

**Attention ECE 2799 Students!** Design Review#2 is crucial! This will be the first time we review your schematics as a class and determine if there are any changes you need to make! This presentation should primarily address the contents of HW#4 and answer the questions listed below. You should plan on a **10min** Power-Point presentation with **5min** of Q&A.

**PREVIOUS MATERIAL:** Remind us of what your product is all about from your previous presentations.

### 1. Introduction

- What is the name of your project or product?
- TEAM # and who are the members of your group?

### 2. Problem Statement (BRIEF )

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

### 3. Market (BRIEF)

- Who is your market?

### 4. Artist's Rendition (BRIEF)

- What will your product look like?

**NEW MATERIAL: NOTE:** Be prepared to be interrupted with questions on steps 5, 6 and 7.

### 5. System Block Diagram

- Provide a DETAILED functional block diagram of your system.
- Identify ALL inputs and outputs for each module or block.
- Define the product interfaces between each block.
- Provide an overview as to how your system is expected to work.

### 6. Software Flowchart

- Provide a DETAILED flowchart indicating how your system is supposed to function.
- Use appropriate symbols – Ovals (Start/End), Rectangles (Process Steps), Arrows (Directional Flow) and Diamonds (Decision Blocks)

### 7. DETAILED Schematics FOR EACH BLOCK

- Provide detailed schematics of each block for discussion.
- Be prepared to answer technical questions about the function and operation of each circuit.
- ALSO!! If YOU have questions on the designs, please bring them and pose them to your managers AND the rest of the class.

### 8. Remaining Issues

- Identify the remaining issues that need to be resolved and your plans on resolving them.

### 9. Schedule Update (Keep to one page!)

- Provide a schedule of the tasks remaining and identify crucial milestones.
- Identify any changes that you deem necessary at this point.

### 10. Further Questions...