

ECE 2799

Final Presentation Guidelines

Attention ECE 2799 Students! You will be giving your Final Presentations this week to a somewhat general audience. The Final Presentation should be a summary of the results of each of your previous homework assignments, as well as presenting the results of your product testing and cost analysis for production. You should plan on a **10min** Power-Point presentation with **5min** of Q&A that addresses the following:

1. Introduction

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

2. Problem Statement

- What is the need?
- What is your product idea?
- What will your product look like?

3. Market Research

- Who is your market?
- What are your Customer Requirements?
- What are your Product Specifications?
- How did you determine them?

4. Competitive Value Analysis

- How do you compare to the competition?
- In what categories does your product stand out?

5. Design Approach

- What is your system architecture (block diagram)?
- How does your system function?
- Provide an overview of each module...
 - Input Sensor(s)
 - Signal Conditioning
 - Analog and/or Digital Processing
 - Output Drive Circuitry
 - Output Actuators

6. Product Results

- How well does your prototype function?
- What are your test results?

7. Cost Analysis

- What initial investment is required to produce your product?
- What will be the Return On Investment (ROI) and how long will it take?

8. Further Questions / Recommendations