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…
     o Input Sensor(s)
     o Signal Conditioning
     o Analog and/or Digital Processing
     o Output Drive Circuitry
     o 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