

# ELE 4142

## Project Requirements

# Project Requirements

- Choose a topic not covered in class
- Create a PowerPoint presentation
  - Similar to Dr. Johnsons class notes
- Present an overview of your presentation to the class

# Project Requirements

- You may choose your own topic
  - Example projects include (but are not limited to):
    - Noise Cancellation
    - Trellis Coding
    - Zigbee
    - Plasma TV
    - MIDI
    - Micro-mirror displays
    - Powerline Communications
    - ABS
  - Choose something you are interested in

# Project Requirements

- PowerPoint Presentation
  - Create a set of PowerPoint slides similar to those used in class.
  - These slides should be suitable for use in ELE 4142 or in a professional setting to bring your colleagues up to speed on a new topic
  - Slides should include:
    - Overview
    - Physical implementation
    - Block diagrams or similar
    - Electrical content
    - Protocol or requirements
    - Any other content required to understand the technology
  - A typical presentation would be 30+ slides
  - All material must be original or attributed

# Project Requirements

- In Class Presentation
  - Present a subset of your presentation or create a separate summary
    - Hit the key concepts
  - 10min / student

# Project Requirements

- These are individual projects – no teams
- Send an email to Dr. Johnson to get your topic approved – no later than C1/W10
- In class overview presentation
  - Presentations will be weeks 14 and 15
  - 10 min each
- Complete PowerPoint presentation
  - Due – Last day of Class – 4:00 PM - via EMAIL