Term Project: ECE 536
Spring 2019

Part 1: Extended Abstract (Individually Graded)
Due on 3/14
Each individual will write and submit their own extended abstract for the term project, but coordination with their team partner is required to ensure complementary materials are presented in both the paper and talk.

Required Elements:
- Title
- Name, Partner Name as Second Author
- Written Abstract (2 page extended abstract with up to 1-2 figures and references)
  - Significance of the Device/Area/Field (Abbreviated History and Impact to Date)
  - Principle Innovation (Summary of Topic Covered in Term Paper)
    - You can propose a new innovation or report on a recent or highly significant innovation in the field
    - Each partner should propose a separate innovation
  - Proposed Term Paper Outline
  - Statement on Division of Responsibilities and Term Paper Differentiation (what you will do that is different from what your partner will do)
  - At least 5 references used as citations in abstract (of 10 that will be cited in final paper)
- Full Copies of Two Primary (Most Significant) Journal Articles Referenced in Abstract

Format: CSMANETECH Extended Abstract

Part 2: Presentation (Team & Individual Grades)
The presentation will be a group presentation. Responsibilities should be divided such that each team member speaks for about the same amount of time.

Required Elements:
- Historical Overview: Key Contributions/Innovations, Significance, Who Did Them
- Theory of Operation (Device) or Process Theory
- Experimental Results to Date (Literature)
- Proposed/Reported Innovation from Partner 1 (Extension of Work)
- Proposed/Reported Innovation from Partner 2 (Extension of Work)

Part 3: Review Paper (Individually Graded)
Each individual will write their own term project paper. Due: 4/30/19

Format: Use the template for IEEE Transactions located at:
https://journals.ieeeauthorcenter.ieee.org/create-your-ieee-article/authoring-tools-and-templates/ieee-article-templates/templates-for-transactions/

Required Elements (Paper):
- Abstract (Summarize article)
- Introduction (Importance & History)
- Theory & Operating Principles
- Experimental Results
- Proposed/Reported Innovation
- Conclusions
- References (minimum of 10)