

Assignment 3: 555 Timer Project Proposal Design

For this assignment, please do the following:

- Search the internet for circuits and projects implemented using a 555 timer chip
- Select one of interest and learn its operation in detail
 - You will eventually implement this project as a printed circuit board
- Propose a **SIMPLE** modification to the design. We will discuss your proposed modifications in class before moving forward
 - Make your modification as simple as possible (e.g. change the power source to a battery or DC jack, add an additional switch, LED, etc).

Submission

Submit to CANVAS before Midnight of the due date

- A brief, description the original design. Include schematics, photos and other images you find (make sure to properly cite your findings)
- A short description of your proposed modification
- Submit the above write-ups as a single PDF document
- In addition, prepare and upload a very short slide presentation that summarizes your proposal and can be shared with your classmates and others