MILESTONES: Introduction to Electronics

Through this workshop, learn to build:
- “Blinky Circuit” using capacitors and filters
- Noise generating circuit using piezo buzzers
- Light-sensitive LED circuit using operational amplifiers and photoresists
- Design, build, and test a professional-grade PCB

No previous experience is required!

In this workshop, we will discuss the basics of electronics covering concepts ranging from Ohm's Law, filters, operational amplifiers, and the like. This will be an introductory course meant to give students a practical look at the basic principles of circuits and their utility.

PICTURED: FIREFLY
A “Do-It-Yourself” Blinky Circuit

COURSE INFO

Introduction to Electronics

WORKSHOP: 6 SESSIONS
DURATION: 2 HOUR SESSIONS