

Summer Semester Overview

SparkFun Electronics Summer Semester

Overview of Summer Semester Class

Day One:

Napkin Schematics
Datasheets and Catalogs
Intro to Arduino using SIK

A brief explanation of the prototype planning process, discussion of student's ideas for projects and an Introduction to Arduino



Day Two:

Soldering Simon (PTH or SMD)
Stenciling
Lilypad Discussion with take home kit
Etcha-A-Simon Processing

Learn to solder by putting together a Simon and Arduino Pro, then learn how to interface with Processing



Day Three:

SIK extended with Programming Discussion
Eagle

More in depth use of the SIK and PCB layout using Eagle



Day Four:

Wireless Overview
XBee Activities
GPS Overview
GPS Activity

Learn how to use XBee series 2 and the EM406 GPS unit, hope for good weather cause we'll be going outside to test



Day Five:

Independent Pursuit until 5 pm

With Engineer Support

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