

Workshop I – Arduino Intro: In this workshop we built a D6 dice roller with an array of LEDs which lights up a random number of LEDs to represent a dice role.

Workshop II – Arduino Proximity Sensor: In this workshop we built a proximity sensor with an LED which blinks at a rate determined by the distance of an object in front of an ultrasonic sensor.

Workshop III – UART Chat Program: In this workshop we looked at a chat program for sending messages between two Arduinos via a UART connection using the serial monitor.

Workshop IV – Linux: This workshop is planned to be an introduction to the BASH command line for Linux.

Workshop V – SPICE: This workshop is planned to look at both Multisim and LTspice