

# **ELECTRONICS CLUB FACT SHEET**

## **CATEGORY:**

Academics, Special Interests

## **SPONSOR(S):**

David Hyde

## **PRE-REQUISITES:**

No

## **MEETINGS:**

First club rotation and after school on Tuesdays, Wednesdays, and Thursdays in E-204

## **DESCRIPTION:**

Electronics is about teaching both the fundamentals of technology repair, circuits (breadboarding / soldering), microcontrollers (arduino, raspberry pi, etc), and their implementation. After school meetings usually involve working on individual projects and debugging them.

**DUES:** \$10

**TRAVEL:** None

## **OTHER MONETARY REQUIREMENTS:**

After school projects typically require specific components that may need to be ordered at the members expense unless they are reusable

## **PARENTAL INVOLVEMENT:**

Primarily, job information and helping teach students skills you have in the field. Secondly, donations are always welcome for our tear down activities or trying to fix something.

## **REQUIREMENTS TO MAINTAIN MEMBERSHIP:**

Paying dues and treating equipment with safety and respect

## **BENEFITS AND OTHER GOOD INFORMATION:**

Members benefit from the ability to borrow from the sensor, component, and micro-controller library as availability allows for working on projects at home. Don't be feel like this is above your level. Bringing in a broken thing to fix or taking apart a hard drive are fun first projects and great learning experiences. It may seem super complicated, but with online resources and our equipment with a touch of curiosity many projects start off. What is the worst that could happen, the broken thing stays broken?