

Electronics (1 Semester)

The students will understand and learn to use safely and efficiently the various pieces of equipment associated with the field of electronics such as a multimeter and power supply. The students will learn the basic concepts behind the various components used in electronics and will learn how to use Ohm's Law in proving the theories behind voltage, current, and resistance.

The students will also learn the practices used in safe and efficient soldering as well as the maintenance of soldering equipment. The students will build an AM/FM radio with the knowledge they have learned. The last part of the class will cover digital electronics and the students will get a good taste of the binary system in relationship to electronics and computers.

There is a \$30.00 fee for this class.

\$25.00 for an AM/FM Radio Kit that each student will build.

\$5.00 for a soldering practice kit and a DC Motor kit.

Maximum Class Size: 16