**Digital Electronics**

**Class Standards**

**Course Description**

This course is designed to teach students about applied logic, which introduces them to the basics of electronics and digital systems. Students will use engineering design and troubleshooting techniques that are used in the electronics field. Using computer simulation software, students will design and test digital circuits prior to actually constructing them.

**Essential Standards**

The student can:

1. Use the engineering design process and knowledge of electricity and electronics, Boolean algebra, and circuit design to develop and create a variety of solutions to real world problems.

2. Analyze and evaluate the cultural, social, economic, and environmental effects of digital electronic technology on society.

**Student Expectations**

Please Be On Time

Be Respectful to Everyone

No Swearing

Make Your Best Effort All The Time

**Materials Needed**

Handouts (as needed)

Worksheets (as needed)

Textbook (to be determined)

Student version of curriculum

**Evaluation**

Individual grades earned throughout the term on a variety of digital electronics assignments, Worksheets, Quizzes, Problem Solving, Design Activities, Circuit Simulation, Bread boarding Soldering, Mid Term (12 weeks) and Final exam (24 weeks). All assignments must be completed to the best of your ability.

**Fire Alarms & Lockdown**

All students must evacuate the classroom when the alarm sounds.

Stop working and leave as quickly as possible.

Follow all school lockdown procedures

**Attendance**

All current Kennedy High School Attendance Policies will be followed.

**Hall Pass**

Students are expected to have a valid hall pass with them at all times when they are out of class.

No pass during the first 10 minutes or the last 10 minutes of class time.

Students found without a pass will be marked unverified for that class period.

**Reserve Teacher**

The Reserve teacher will be given direction for the class.

Respect is very important when the reserve teacher is here.

A written report will be made for the instructor covering the conduct of the class.