



# ***Foundations of Technology***

## **TEACHERS**

- Kim Fogle -Term One                      240 236-7335      [kim.fogle@fcps.org](mailto:kim.fogle@fcps.org)
- Sarah Welty -Term Two                      240-236-67262      [sarah.welty@fcps.org](mailto:sarah.welty@fcps.org)

## **OVERVIEW**

This course focuses on the history of technology, the nine core technologies, and the design process. Through hands-on labs and simulations students will gain the necessary skills and academics to meet the Maryland State Department of Education Technology Education requirements.

Students will complete the course in two sessions, with two different teachers. At the end of term one, the entire class will rotate to their term two teacher for the second session. Students will explore the following areas:

- History of technology
- Relationships among technologies
- Engineering design
- Manufacturing technologies
- Construction technologies
- Power and energy
- Information & communication technologies

## **CLASSROOM/LAB RULES**

- See specific classroom/lab rules - provided by each session's teacher

## **GRADING**

All grades are based on points. The following is a breakdown of the percentage of total points for each category:

<b>Category</b>	<b>Percentage</b>	<b>Course Grading Scale</b>	
Class Projects	50%	A	90 - 100
Assessments	30%	B	80 - 89.9
Work Habits	10%	C	70 - 79.9
Warm-ups	10%	D	60 - 69.9
		F	0 - 59.9

\*Assignments received after announced due date will be given **half** credit.

- Students and parents should check the student's progress and grades at [www.grades.fcps.org](http://www.grades.fcps.org) on a weekly basis.

### **REQUIRED MATERIALS**

- 2-Pocket Folder
- Loose Leaf Paper
- Blue or Black Ink Pen
- Several #2 Pencils
- Colored Pencils
- USB Flash Drive (Optional)
- Signed & Stamped **Acceptable Use Policy**
  - ❖ Many assignments will require students to access the internet and other programs on the computer. According to FCPS regulations, any student accessing any FCPS computer must have authorization to do so.

### **MAKE-UP POLICY**

If you are absent from school for a legal reason, it is **your responsibility** to get any work you missed before or after class (this includes daily warm-ups). Instructions will be given in class on how to access make-up work on the public drive. All work must be made up after school or at home. To work on a project or to make up a test, students must schedule after-school sessions with the teacher.