



Course Syllabus

Technology Education

Teacher: Mrs. Silva

School: Ronald Reagan Middle School

Year: 2019-2020

Email: silvae@pwcs.edu

Room: 1322

Class Website: silva-teched.weebly.com

Course Objective

Ever try to design something new or draw up an idea you wanted to share with your friends and wondered how you could communicate your idea? Or, have you wondered how someone designed that new MP3 player or sleek new phone? The major focus of this course is to learn how to take an idea through a design process that will eventually be manufactured or produced. As you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawings and modeling, you will apply what you learn through various activities, projects, and problems.

In addition, you will use Inventor, which is a state of the art 3-D design software package from AutoDesk, to help you design solutions to different design projects. Working in teams, you will learn about documenting your solutions, solving problems, and communicating your solutions to other students.

The goal of this course is to create the feel of an authentic workplace. This class will use many hands-on projects for student to be able to demonstrate the standards of learning. Safety is the top priority of this course and there will be many assessments that students will complete to demonstrate safe work habits in our Production Lab.

Grading

There will be formative and summative activities in this class. **FORMATIVE ASSIGNMENTS** help to inform you, and me, about your thinking. It allows for you to get feedback and to try new things without the fear of making a mistake. In essence, it is practice that is used to support you on summative activities. These assignments may include home practice and some classwork. Although recorded in the gradebook, formative assessments are **not** weighted in the calculation of the overall class grade.

SUMMATIVE ASSIGNMENTS come throughout the unit and are used to see your mastery of a standard. They act as a summary of your performance. These assessments include quick checks, quizzes, projects, presentations, and unit tests. The scores on these assessments are what make up your grade in the course.

Grading Scale

Percent	Letter	Grade Points
90-100	A	4.0
87-89	B+	3.4
80-86	B	3.0
77-79	C+	2.4
70-76	C	2.0
67-69	D+	1.4
60-69	D	1.0
0-59	F	0

Late Work

Due to the hands-on nature of the course, make up work will typically need to be scheduled with Mrs. Silva upon your return to class. It is not possible to send work home always, so you may need to schedule a time after school to make up what you have missed during class. If you find yourself falling behind, it is your responsibility to come see me for assistance. You will have until end of the Marking Period to submit any late assignments. If assignments are not handed in they will receive an NHI (Not Handed In) until the end of the Marking Period. Where then they will turn into an "F".

Classroom Rules: Three R's

- **Respect**
 - Show respect to all adults, student and yourself
 - Be Polite
 - Do Not Interrupt
 - Take care of classroom tools, equipment, and supplies
 - Be appreciative of what you have
- **Responsible**
 - Come to class on time and prepared to learn
 - Be accountable for your own actions
 - Be in charge of you
 - Do your best to finish your assignments
 - Clean up your work area
- **Resourceful**
 - Use your time wisely
 - Be Proactive
 - Think outside the box
 - Be creative