

Technological Systems Class Syllabus

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Welcome to Technological Systems! The objective of this class is to learn about how technological systems work and how we can use it to solve big problems and make cool stuff. It's going to be an exciting year and I am so glad you can be a part of it!

Goals for the Year

Students will use the engineering design process to guide them through various hands-on activities and projects, utilizing safe use of tools, materials, and techniques to solve problems. Students explore their relationship to technology and engineering, and how technology affects the world around them, as well as careers in the fields of technology and engineering.

Standards for Accomplishing Our Goals

This class will be using a variety of learning tools, including Discovery Education STEM, Robot Academy, and extensive use of hands-on activities to allow students to experience the concepts we go over in class.

VDOE STEM Standards:

<https://www.doe.virginia.gov/teaching-learning-assessment/instruction/science-technology-engineering-mathematics>

Class Rules and Expectations

At Wetsel you're expected to adhere to our school expectations and norms:

Be Respectful

Show Kindness

Have Integrity

Be Responsible

Show American Citizenship

Bring to Class:

- Folder or 3-Ring Binder
- Pencil

Class Rules:

- Abide by the attendance policy set forth in the student handbook.
- Come to class prepared.
- Show your B.L.U.E.!
- We are privileged to have access to robots, 3D printers, and other cool but delicate equipment. Treat everything with the utmost care and respect.

Grades are calculated as follows:

- Classwork/Homework = 20%
- Quizzes = 30%
- Tests = 50%

Late Work:

There are two deadlines per quarter for late assignment submission. Any assignment that is not turned in by the respective 4.5 or 9 week reporting periods will remain a 0% in the gradebook.

For example, if an assignment was due week 2, it must be submitted by the 4.5 interim.

Please review the syllabus WITH a parent/guardian. I have read & understand the information within this syllabus and will seek to abide by school policies. I will ask if I have any questions or concerns.

Student Name (Please Print):_____

Student Signature:_____

Parent/Guardian Name(s) (Please Print):_____

Parent/Guardian Signature:_____