

PRINCIPLES OF ENGINEERING SYLLABUS

Teacher: Mrs. Squibb
Room Location: CTC 109
Course Length: Semester Block

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Fees: \$10

Course Description:

This course is stage two of the *Project Lead the Way* program students committed to their freshman year. With this course, students are well on their way to preparing themselves for a career in the Engineering field. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. This course also includes concerns about social and political consequences of technological change.

Materials Needed:

- Loose Leaf Notebook Paper
- Mechanical Pencil
- TI-84 Graphing Calculator

Classroom Rules:

1. Follow all school rules as posted.

Grading Policy:

Projects/Tests:	50%
Quizzes/Mini Projects:	35%
Homework:	15%

Homework Policy:

Homework will be assigned as deemed necessary by the instructor to supplement class work.

Late Work/Absent Work Policy:

Students are responsible for obtaining work that they missed. Students will have the number of days they were absent to turn in work. For example, one day absent, students must turn in work next day.

Late work policy is as follows:

One day	-8%
Two days	-16%
Three days	-24%

Late work will not be accepted if it is more than three days late.

Course Calendar:

The following is a list of topics to be covered which will be introduced and revisited throughout the semester:

- Energy and Power
- Materials and Structures
- Control Systems
- Statistics and Kinematics

I _____ have read and agree to abide by the above material.

Student Signature

Parent Signature