

# Principles of Engineering Syllabus

Mr. Steve Sorrow

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Class Schedule:

1<sup>st</sup> Block: Principles of Engineering

Class code: [vyuv2n3](#)

As with anything in life what you get out of this program is what you put in to it. This program is designed to get *you* the student ready for a career in Engineering and the technical fields.

Careers in the Technical field are vast and varied from Civil Engineers to Software roles.

However, everyone starts somewhere. In this program and these courses you will get a good understanding of what Engineering is all about, the good and the bad.

## Guidelines:

- In this program we will learn the many aspects of Engineering and its history.
- Assignments are to be turned in on time.
- Assignments are to be legible and not messy with as little grammatical errors as possible.
- There is NO PHONE USAGE of any kind unless permitted by Mr. Sorrow
- Projects will be given to Students during the year.
- When guest speakers are here respect and attention must be given.
- When on a tour of a plant/ facility be respectful of the business.
- Students will be graded on team work and participation.

## Expectations:

- Treat everyone with respect (the golden rule).
- NO BULLYING, PERIOD!
- No Tobacco products at any time are permitted.
- No food or drinks in the work areas or near computers or machines.
- Keep the classroom clean and your work station.
- No one is permitted in the offices without Mr. Sorrow's permission.
- Bathroom passes will be given out at Mr. Sorrow's discretion.
- When visiting facilities or when guest speakers are present try to look your best. How you present yourself is important.
- This is a project driven class.

Field trips /Plant and Facility Tours:

There will be times where the class will visit local manufacturing facilities for tours. During these visits students will get to see what it's like to work in this field. Also, students may get to meet their future employer or coworkers so it is important that they are on their very best behavior. The student is not only representing GCHS but also themselves to the community. These tours will be scheduled at a later date.

Classroom:

- The classroom will be treated with respect along with everyone else.
- We will be working in groups a lot of the time so it's critical to be a team player.
- Groups will be assigned by Mr. Sorrow.
- Everyone will be graded both individually and as a whole.
- Be respectful of other groups.
- Do not interfere or damage other groups' projects.

Instructional Materials:

GCHS will make instructional materials available for review within 10 days of written parental request.

Standards/ Topics Covered and Course Calendar:

[www.tn.gov/content/dam/tn/education/ccte/adv-manu/cte\\_std\\_principles\\_manufacturing.pdf](http://www.tn.gov/content/dam/tn/education/ccte/adv-manu/cte_std_principles_manufacturing.pdf)

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

If there are any questions relating to this hand out or the policies and guidelines on it, feel free to speak with Mr. Sorrow.

