

Engineering Technology, Disclosure 2022-2023

Course Description

This course explores various aspects of engineering, including: the design process, drafting, 3D modeling, 3D printing, mechanics and robotics. The course is semester long and is focused on hands-on and project-based learning, with a few quizzes/tests.

Tech Lab/Equipment

Students are expected to show appropriate behavior at ALL times while using equipment in the lab. Students will cover any deliberate damages they inflict on the lab and/or equipment. Inappropriate behavior will result in loss of lab privileges and the assignment of a written activity.

Lab Fee

There is a \$10 fee which will be posted on Skyward. This fee helps cover the cost of materials and supplies used for the class, including 3D printing filament, replacement parts for the robotics/mechanisms unit, and various hands-on problem solving/design activities such as the scribble bot and CO2 car (activities are subject to change).

Safety

Safety is a priority at all times during hands on projects. Safety guidelines are clearly covered in class and students will be required to pass a general safety test before using any equipment. Lab privileges will be revoked for any student displaying unsafe behavior.

Behavior/Participation/Teamwork

Many of the activities in this class involve teamwork. Failure to work successfully within a team will result in a lowered grade for all students involved. Engineers often have to work in teams and work with conflicting personalities. As an introductory engineering course, students are expected to work on resolving differences peacefully and developing professional attitudes.

Cell Phone / Mobile Device Policy

Cell phones and other mobile devices are not to be used in class, unless the teacher gives permission. Ear buds should be out of ears and out of sight. If a student is caught using a device without permission, the device will be moved into "cell phone prison" and the following consequences will be enforced:

- 1st Offense: Device goes to prison until end of period, lose citizenship points
- 2nd Offense: Device goes to prison for the rest of the day; lose citizenship points
- 3rd Offense: Device goes to prison and then transfers to attendance office, where the official school cell phone policy will be enforced; lose citizenship points, parents contacted.
- 4th Offense: Device goes to office again to continue school policy consequences, lose citizenship points and class technology/activity privileges, administration contacted.

**Citizenship points will ONLY affect the citizenship grade (H, S, N, U)*

Grading

Assignments: 20%

Assessments: 80%

Late Work

Students can turn in late work and re-do assignments without penalty until the deadlines, which will be **midterm** for the first half of the quarter, and the **Friday before the end of the quarter** for the second half. After the deadlines, students will not be able to make up work or redo assignments.

Teacher Availability

I am available from 7:20 - 3:20, Tuesday - Thursday. Any other times by appointment. Students with questions on grades and assignments are asked to come in outside of class, as it is often too busy during class. I am also available during school hours by email: lindsey.morrill@jordandistrict.org. For access to class materials, log in to Canvas at jsd.instructure.com.