Class Expectations for Introduction to Engineering Design
Mrs. Delis
2022-2023

Attendance:
Attendance will be taken at the start of each class. After three unexcused tardies, a detention will be assigned. Please be on time!

Office Hours:
Tuesday: 2:26 pm - 3:20 pm
Wednesday: 2:26 pm - 3:20 pm
If a conflict exists, please see me so that we can schedule a time to meet!

Electronic Devices:
Electronic devices are to be put away during lessons. After three warnings, your phone will need to be placed on my desk for the duration of class. If the problem persists, a detention will be assigned and a phone call home will be made.

Google Classroom:
All slides, assignments and classroom information will be on our Google Classroom page. Check the stream for any announcements!

Grading:
Grades will be based on projects, activities, tests and quizzes, participation, and classroom assignments. Grades are year long and each quarter will be 25% of the final grade.

Advanced Credit Option:
Advanced credit is available to all students taking PLTW Engineering courses. If choosing this option, students will receive weighted grades towards their GPA (4.5 scale). In order to receive advanced credit, the following will need to be completed:

1. Google form filled out stating you would like to be enrolled in Advanced Introduction to Engineering Design by Friday, August 26.
2. An additional activity or project extension each quarter.
3. An engineering field experience (shadowing, field trip, college visit) must be completed and reflected on by the end of the year (subject to change given the current circumstances).

Late/Missing Assignments:
Late assignments will receive a 10% point deduction for each day late for a maximum 30% point deduction. Assignments will not be accepted after seven school days have passed. If for some reason you will not be able to turn an assignment in on time, please email me.

IED Topics
Unit 1: Design and Problem Solving
Unit 2: Assembly Design
Unit 3: Thoughtful Product Design
Unit 4: Making Things Move

IED Projects:
Carnival Game: Use the engineering design process to create a carnival game.
Charm Project: Design a luggage tag for a client using CAD modeling skills.
Ornament: Design an ornament using required CAD modeling skills.
Snowflakes: Design three unique snowflakes using the pattern tool.
Snow Globes: Design a snow globe using advanced CAD modeling skills.
Train Project: Given a drawing file, create a miniature train.
Toy Reverse Engineering: Reverse engineer a mechanical toy. Design an accessory for the toy.
Automata: Design an automata using skills learned throughout the year. Add a motor and circuit to automate the automata.
Miniature Golf Course: Design a miniature golf course in Onshape using skills learned throughout the year.

End of Course Exam:
PLTWs end of course exam will be given during the month of May. The exam will cover all topics learned throughout the school year.

The WebXam will be given in April. This is a state mandated test for career-technical programs.

I look forward to working with you this year as we explore engineering! Any other questions or concerns, please feel free to contact me:
E-mail: hdelis@fairview.k12.oh.us

Mrs. Heather Delis
Engineering Teacher
Fairview High School

I have read and understand all the above expectations.

Student Signature:_____ Date: _____

Parent Signature:_____ Date: _____