**Fairchild Wheeler Interdistrict Magnet School Mission Statement**

Our mission is to create a culture for passionate investigators to develop solutions for the global community.

**Aero/Hydrospace Engineering Research High School Mission Statement**

Our mission is to educate the nation's future leaders in the science and art of the physical sciences and aerospace engineering. Further, we seek to expand the frontiers of engineering science and to encourage technological innovation while fostering academic excellence and scholarly learning in a project based learning environment.

**Syllabus/Course Description**

**Course Name:**  Introduction to Engineering and Design

**General Description of Course Content:** This course will be following the Project Lead the Way curriculum for Intro to Engineering and Design.

**Assessment:** Students are evaluated by their performance on tests, quizzes, exam, and class projects.

**Text and Supplementary Materials:**

1. Project Lead the Way Learning Management System: my.pltw.org
2. Pencils/Pens

**Notebooks:**

You will need a **bound graphing** **notebook**. Your notebook should be in dated and each page numbered.

**Extra Help:** Extra help will be on Mondays, Tuesdays, and Thursdays after school. You do not need an appointment, but please give me a heads up that you might be coming.

**What is Expected of You Every Day?**

1. Be respectful
2. Come prepared to succeed
3. Be on time.

**Grading:** Your grade will be a combination of the total points you earn on tests, quizzes, a homework and a notebook grade. The relative weights of these components will be as follows

* Daily Assignments:

30%

* Quizzes:

15%

* Projects:

30%

* CAD Drawings:

15%

* Instant Challenges:

10%

**Daily Assignments:** There will be an assignment to work on each day in class. Some assignments will take multiple days to complete. In order to complete each assignment on time you may need to do some work at home. All assignments will be submitted through the Learning Management System where it will be graded. You will be expected to be ready to work each and every day.

**Quizzes:** Content quizzes will be given regularly throughout a unit. The quizzes are designed to motivate you to stay current with the material and seek help if needed.

**End of Course Exam:** The end of course exam will be given at the end of the semester and is worth 20% of your final grade. The exam is an online exam consisting of two parts, both of which are timed.

**Extra Credit:** There is no designated extra credit for this class. There may be chances to earn extra credit on some assignments throughout the semester.

**Make up Work:** The absent student is responsible for all work missed. This includes absences for school related activities.

* 1. Get notes from a fellow classmate or from the website
  2. Assignments due the day you were absent should be still be submitted on the Learning Management System by the expected due date.
  3. Make-up quizzes will be given at the teacher’s discretion. There will be no retakes if they have not completed the retake within **5** school days or original test/quiz date.

**Honors Credit:** Any student that is looking to earn honors credit for this course must have a a grade of at least 80% and be missing no assignments when the honors contract is due.

**Contact:** Email: [dviesto@bridgeportedu.net](mailto:dviesto@bridgeportedu.net)

Please return this page signifying that you have read and understand the syllabus.

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

Parent Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Best Phone Number to Reach You At: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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