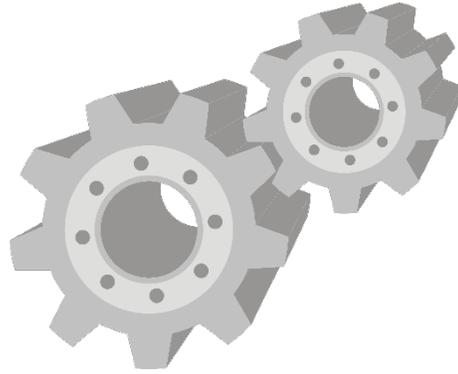


Course: Pre-Engineering Part 1

Instructor: Mr. Evan Geesey

Contact Email: egeesey@gvsd.org

Credits: .5



Syllabus

Course Description: Students will be introduced to the Fabrication laboratory and the operation safety practices that will allow them to complete projects with tools and technical machine equipment. Students will learn to design, build, test, and evaluate projects just like an engineer. Project examples can include, but are not limited to, CO2 dragsters, rockets, and solar powered devices. Machine equipment includes a computer guided laser, solid model printer, and computer numerical controlled operations. Upon successful completion of Pre-Engineering 1 with a grade of at least a “B”, a student may elect to enroll in Honors Introduction to Engineering Design or Honors Principles of Engineering.

Discipline Policy: Any student participating in, or encouraging any form of horseplay, cheating/plagiarism, bullying (as defined by GVSD), unsafe act, or any other activity Mr. Geesey in his sole discretion deems non-conducive to creating a positive learning environment, can and will result in, grade reduction/failure of assignments, detention, and/or any other action deemed necessary by school administrators.

Academic Honesty Policy: Plagiarism and other forms of academic dishonesty are considered serious offenses by the faculty and administration of Great Valley High School. Plagiarism is the act of representing the ideas or words of another as one’s own. Academic dishonesty is a broader term that includes plagiarism but also refers to various forms of academic misconduct such as allowing another student to use one’s work, relaying questions from a test or quiz or cheating in any of its forms. Students who are found guilty of these offenses can expect a procedure to be initiated, which will result in a teacher contacting a parent or guardian and a Referral Form being added to the student’s disciplinary file. In addition, one or more of the following actions may also occur:

- The student will receive a zero for the assignment.
- At the discretion of his or her teacher, the student may be required to rewrite or redo the assignment for a reduced grade.
- The student may lose membership in the National Honor Society or eligibility for membership in the National Honor Society.

When a student wishes to appeal a decision, he/she should:

- Write a request to the principal for a hearing before an appeals committee comprised of the principal, the chair of the department within which the offense occurred, and the faculty member alleging the offense.
- Present evidence that supports an appeal for reconsideration of the charge or penalty that has been assigned.

Assignments: The assignments for this class include, but are not limited to, Projects, Tests, Quizzes, Homework, Writing assignments ≥ 2 pgs.

Grading Policy:

Letter grades are based on a system of evaluation as determined by department and the individual teacher. The school scale is as follows:

- A+ = 97 - 100
- A = 93 - 96
- A- = 90 - 92
- B+ = 87 - 89
- B = 83 - 86
- B- = 80 - 82
- C+ = 77 - 79
- C = 73 - 76
- C- = 70 - 72
- D+ = 67 - 69
- D = 63 - 66
- D- = 60 - 62
- F = less than 60

Late or Missing Work: Missing assignments at the end of the grading period will be counted as a zero (0) in the student's gradebook. Late assignments are not accepted and will result in a zero (0). This policy does not apply if the student was out of school for an illness or any other excused absence in accordance with Great Valley School District policy. Any extension of time to complete an assignment is awarded on a case by case basis and must be arranged with Mr. Geesey prior to the day the assignment is due.

Acknowledgment of Syllabus: Should you or your student have any questions or concerns about the items contained in this syllabus please contact Mr. Geesey in class or via the email provided. By signing below you agree that you have read the syllabus and understand the requirements presented:

X

Parent Signature & Date

X

Student Signature & Date

Note: Mr. Geesey reserves the right to modify or change the criteria set forth in the syllabus at any time, for any reason, other than GVSD Policy, in keeping with the best interest of the students and the classroom environment.