

# Intro to Engineering Syllabus

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Intro to Engineering is an introduction to the engineering design process and the many fields of engineering.

Students will be exposed to:

- The many specific fields of engineering
- The Engineering Design Process
- Computer modeling software
- Basic computer programming

Students will work alone and in groups to brainstorm ideas and create prototype models for several hands-on projects in class. Students will be expected to keep a daily engineering journal. Students will research current topics in engineering and create summary reports and presentations.

Students will work on their own and in groups. Grades are based on three categories: Classroom Assignments, Projects, and Daily Journals. Daily classroom assignments are worth 10 points. Projects are worth 50 points. The students Daily Journal is worth 100 points at the end of the class. Grading is based on the MEHS grading scale:

90% – 100%	A
80% – 89%	B
70% – 79%	C
0% – 69%	NC

All assignments should be turned in on time. Late work will be assessed a 10% penalty per day. Work will no longer be accepted at the end of a unit, or after the test for that material. Coach Arnold will not take late work during the last week of the semester. If a student needs to miss class for athletic, academic, or personal reasons, the student must talk with Coach Arnold ahead of time.

Classroom participation is expected. Advanced Engineering will engage students in group activities and discussions. Students will participate in presentations to the class. All students will be expected to participate with group activities and presentations.

Classroom Expectations:

- Stay on-task
- Work Quietly
- Request Assistance When Needed
- Remain In Your Seat
- Finish Task
- Meet Task Expectations