

Welcome to

Intro to Engineering

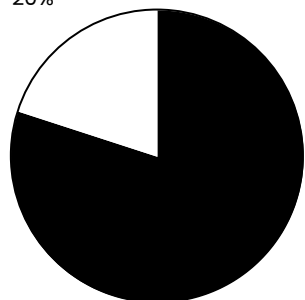
..... COURSE SYLLABUS | **MR. THACH** | 2025-2026

COURSE CONTENT

This course is designed for students considering a career in science, technology, engineering, or math (STEM). Students will study a variety of engineering disciplines and will utilize the Engineering Design Process to solve a variety of engineering problems. Students will develop an understanding of how engineers use math and science to design and create objects with real-life applications.

GRADES

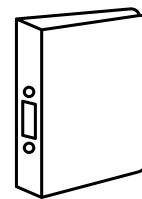
Semester Exam
20%



Assignments
80%

SUPPLIES

- ❶ 3-Ring Binder
- ❷ Loose Leaf Paper
- ❸ Pencil
- ❹ Computer



LATE WORK

Grades are formally updated every two weeks; however, live grade updates are available at any time through FACTS. It is the student's responsibility to double-check her grades and to inform the instructor of any discrepancies. Students are encouraged to keep all graded assignments to verify that grades have been accurately recorded.

We all fall behind sometimes, but communication and accountability are key.

- **Less than 1 week late:** 10% penalty
- **More than 1 week late:** Max grade is 50%
- **After the unit ends:** Assignment remains a zero

Need an extension? Notify the instructor 24+ hours before the due date. If approved, you may earn full credit.



POLICIES

Bathroom: Students should use the restroom during the breaks but are permitted to go in an emergency. Students are required to give their phone to the instructor and sign in and out.

Absences: Students must be physically in the room when class starts to be marked present. Failure to do so will result in a tardy. If you are absent, you are expected to make up all assignments including labs. It is the responsibility of the student to request missing work from the instructor the day you return to school. If a student is absent on the day of a test, she will need to reschedule a time to take the test.

Honesty: Cheating or plagiarizing of any kind, including the use of AI, will be dealt with severely and will result in an automatic zero for that assignment for all parties involved. The principal, counselor, and parents will be made aware of the situation.

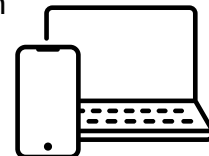
COMMUNICATION

My classroom is a positive, inclusive space where every student can succeed and be heard. I am approachable and understanding, but I hold high expectations for your academics, behavior, and personal growth. I expect your best and so should you.

I am available from 7:15 a.m. to 3:15 p.m., and later if needed. Feel free to email me to schedule a meeting. I am here to help. Ongoing communication between students, families, and myself is key. FACTS and Google Classroom are updated regularly to facilitate this immediate connection. While I believe students should take responsibility for their learning, I will contact parents or guardians if concerns arise.

TECHNOLOGY

Laptops and phones may be used occasionally for class-related tasks such as research, assignments, or lab documentation. However, **these devices are to remain off and put away unless the instructor gives explicit permission to use them.** Inappropriate or distracting use will result in confiscation until the end of class. Repeated violations will result in parent contact.



LAB SAFETY

Safety is paramount in science class. **All lab safety rules will be followed.** Horseplay will not be tolerated. Do not eat, drink, or chew gum in the lab. If you do not follow the rules, you will not be allowed to continue the lab, resulting in a zero for that assignment. Labs need to be cleaned up before the end of class. Students must pass a lab safety quiz and sign a contract before conducting experiments.

