

MSE 4021: Design with Materials II

Course Description

This 3-credit course is the second course in the two-semester sequence. In this course student engineering teams will engage in the research, testing, and design that they proposed in the first semester.

For the most part, we will not meet as a class; students will spend their time in the labs and in meetings with their project advisors. We expect that students spend approximately 10 hrs/week in the lab.

The class will meet as a whole for the three presentations that will be required over the semester. The dates for these presentations will be clearly indicated on the course schedule.

Required Submittals

1. Design teams will be responsible for submitting weekly progress reports. There will be a standard format for these reports.
2. There will be two preliminary oral presentations and one final oral presentation. Additionally, there will be one preliminary and one final design report. All students are expected to participate in the creation and delivery of the presentations and the writing and editing of the reports.
3. A final peer evaluation form is to be filled out by each team member. On this form students will be asked to evaluate the quality of other team members' contributions. Remember, it is possible that not everyone will receive the same final grade.