MSE 5800 – Internship I
MSE 5801 - Internship II

Department of Materials Science and Engineering

Instructor: 
Office: 
Office Hours: 
Phone: 
Email: 

Pre-requisites: Full Major Status in Materials Science & Engineering
Credit Hours: 1.0-3.0

Course Description: MSE 5800/5801 will allow students to earn academic credit for successful completion of a Materials Science and Engineering-related internship. To have an internship fulfill a Technical Elective requirement, students must earn a total of 3 credit hours and complete a graded Technical Report. The internship progress will be monitored, evaluated, and graded by the Internship Program Advisor. Students must take an active role in finding and applying for an appropriate internship before enrolling for the course.

Course Outcomes:

a. An ability to apply mathematical, scientific, and engineering knowledge to solve materials related problems
b. An ability to design and conduct experiments, characterize materials, and properly interpret data in order to understand materials behavior
c. An ability to select or design a materials based system, component, or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
d. An ability to function on teams whose members have interdependent and complementary skills
e. An ability to identify, formulate, and solve materials-related problems, and understand the structure, properties, processing, and performance of materials
g. An ability to communicate technical information effectively in oral and written form
Choose an item.
i. A recognition of the need for, and an ability to engage in life-long learning
Choose an item.
k. An ability to use the techniques, skills, and modern engineering tools necessary in materials engineering practices
Choose an item.

Content Overview:
For a content overview visit: https://mse.utah.edu/internship/

Grading & Evaluation Methods:

<table>
<thead>
<tr>
<th>Grading</th>
<th></th>
</tr>
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<tbody>
<tr>
<td>Technical Report</td>
<td>55%</td>
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<tr>
<td>Employer Evaluation</td>
<td>30%</td>
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<tr>
<td>Attendance</td>
<td>10%</td>
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<tr>
<td>Student Evaluation</td>
<td>5%</td>
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Approximate grading scale:
92-100% A
87-92 A- or B+
82-87 B
77-82 B- or C+
72-77 C
67-72 C- or D+
62-67 D
60-62 D-
<60% F

Late Technical Report Policy

Technical Reports will be accepted up until the last day of finals for the semester, but will be penalized by a grade drop. For Technical Reports turned in after the posted deadline (deadlines posted on https://mse.utah.edu/internship/), the highest grade a student can receive on the report is a B, if turned in within one week after the deadline. For any papers turned in past the one week extension, the highest grade a student can receive on the report is a C. Absolutely no Technical Reports will be accepted after the last day of finals.
Americans with Disabilities Act Statement: “The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodation in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations.”

Faculty and Students’ Responsibilities: “All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. Students have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, plagiarism, and/or collusion, as well as fraud, theft, etc. Students should read the Code carefully and know they are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, and I will do so, beginning with verbal warnings and progressing to dismissal from class and a failing grade. Students have the right to appeal such action to the Student Behavior Committee.”