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E-mail: kettani@fhsu.edu
Office Hours: MWF 10am-12pm

Course Prerequisite

None.

Course Description

Each ISE student is required to complete eight to twelve week of continuous training during the summer and normally at the end of the junior year. Special attention should be given to most but not necessarily all of the following areas of training: production, operation, maintenance, management and safety. A formal report describing the projects the student was involved in is to be submitted.

Course Materials

Materials provided by the student’ supervisor at the place of work.

Program Objectives

Put a table in your syllabus that maps the program objectives (MBA or BBA objectives) with the course. List every program objective. If the objective is not covered in the course, state: Not Covered. If the objective is covered, explain how (exams, homework, research papers, cases, oral presentations, Power Point lectures, etc.) This will help students understand why certain assignments are included in the course and will help us with AACSB assessment.

<table>
<thead>
<tr>
<th>Objective</th>
<th>How Objective will be Evaluated</th>
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</thead>
<tbody>
<tr>
<td>An ability to apply knowledge of mathematics, science, and engineering.</td>
<td>Reading materials and interaction with work supervisor</td>
</tr>
<tr>
<td>An ability to identify, formulate, and solve engineering problems.</td>
<td>Reading materials and interaction with work supervisor</td>
</tr>
<tr>
<td>A knowledge of contemporary issues.</td>
<td>Reading materials and interaction with work supervisor</td>
</tr>
<tr>
<td>An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.</td>
<td>Reading materials and interaction with work supervisor</td>
</tr>
</tbody>
</table>
Course Objectives

At the conclusion of this course, the successful (passing) student will be able to:

1. Apply knowledge of mathematics, science and engineering and use the techniques, skills, and modern engineering tools necessary for engineering practice.
2. Identify, formulate, and solve engineering problems.
3. Understand professional and ethical responsibility, communicate effectively and function on multidisciplinary teams.
4. Recognition of the need for the ability to engage in lifelong learning.
5. Develop broad education necessary to understand the impact of engineering solutions in a global economic, environmental and societal context.

Course Delivery and Structure

This is an on-campus course and student attendance to lectures is required. Material will be delivered through lectures, enhanced by student participation and group projects. Other evaluation methods will involve exams, quizzes and homework.

Grading and Evaluation

- Attendance, 10%.
- Three tests, 20% each.
- Homework, 10%.
- Quizzes, 20%.
- Letter grade assignment is as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>% Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>&lt; 60%</td>
</tr>
<tr>
<td>D</td>
<td>60% ≤ D &lt; 70%</td>
</tr>
<tr>
<td>C</td>
<td>70% ≤ C &lt; 80%</td>
</tr>
<tr>
<td>B</td>
<td>80% ≤ B &lt; 90%</td>
</tr>
<tr>
<td>A</td>
<td>A ≥ 90%</td>
</tr>
</tbody>
</table>

Course Policies

- Late Work: All assignments must be submitted on the due time. Late assignments will not be accepted.
- Make-Ups: No matter what the excuse is, there will be given no make-up to any of the assignments of this course.
- Contesting: Grades can be contested during a two-week period from the time that they were announced. After such period is elapsed, grades may not be contested.