Experimental Projects II

AEROENG 4511

Description / Conditions

Transcript Abbreviation:
Exp Projects II

Course Description:
Execute and report on experiment formulated in Projects I. Emphasis on execution and reporting.

Course Levels:
Undegraduate (1000-5000 level)

Designation:
Required

Course Detail

Credit Hours (Minimum if “Range”selected):
3.00

Max Credit Hours:
3.00

Check if Repeatable:
Off

Maximum Repeatable Credits:
2.00

Allow Multiple Enrollments in Term:
No

Course Length:
14 weeks (autumn or spring)
12 weeks (summer only)

Off Campus:
Never
Campus Location:
Columbus

Instruction Modes:
In Person (75-100% campus; 0-24% online)

Prerequisites and Co-requisites:
Prereq: 4510, and enrollment as AeroEng-BS student (No pre-majors can enroll in this class).

Electronically Enforced:
No

**Course Goals and Learning Objectives**

Course Goals / Objectives:
Execute, as a team, an experiment which will successfully assess a defined objective(s)
Effectively communicate, orally and in writing, the results of the project design process, and subsequently the key aspects of the overall project (from concept to end goal)

Check if concurrence sought:
No

**Contact Hours**

Contact Hours:

<table>
<thead>
<tr>
<th>Topic</th>
<th>LEC</th>
<th>REC out-of-class</th>
<th>REC in-class</th>
<th>Weekly LAB in-class</th>
<th>Weekly LAB out-of-class</th>
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<tbody>
<tr>
<td>Experimental Measurement: Methods and Methodology</td>
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<tr>
<td>Data Analysis</td>
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<tr>
<td>Data Reduction</td>
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<tr>
<td>Creating Effective Graphics</td>
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**Grading and Texts**

Grading Plan:
Letter Grade

Course Components:
Lecture
Lab
Grade Roster Component: Lecture

Credit by Exam (EM): No

Grades Breakdown:

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<thead>
<tr>
<th>Aspect</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Notebook checks</td>
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<tr>
<td>Oral presentations</td>
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</tr>
<tr>
<td>Written progress reports</td>
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<tr>
<td>Final report</td>
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<tr>
<td>Adviser grade</td>
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Representative Textbooks and Other Course Materials:

No Textbooks and Other Course Materials Entered.

ABET Student Learning Outcomes

Embedded Literacies (UG courses only)

Embedded Literacies Info:

Attachments / Additional Notes or Comments

ABET Syllabus:
AEROENG_4511_ABET.pdf