Aerospace Engineering Honors Thesis Research

AEROENG 4999H

Description / Conditions

Transcript Abbreviation:
HonGrad Rsrch AAE

Course Description:
Aerospace Engineering honors research for thesis.

Course Levels:
Undergraduate (1000-5000 level)

Designation:
Elective

General Education Course:
(N/A)

Cross-Listings:
(N/A)

Course Detail

Credit Hours (Minimum if “Range” selected):
1.00

Max Credit Hours:
3.00

Select if Repeatable:
On
Maximum Repeatable Credits: 10.00

Total Completions Allowed: 5.00

Allow Multiple Enrollments in Term: No

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

Off Campus: Sometimes

Campus Location: Columbus

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

Prerequisites and Co-requisites:  
Prereq: Honors standing, and permission of instructor.

Electronically Enforced: No

Exclusions: (N/A)

Course Goals and Learning Objectives

Course Goals / Objectives: (N/A)

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 out-of-class</th>
<th>Weekly LAB in-class</th>
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</thead>
<tbody>
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<td>As proposed by student and approved by advisor</td>
<td>0.0</td>
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Grading and Texts

Grading Plan:
Letter Grade

Course Components:
Independent Study

Grade Roster Component:
Independent Study

Credit by Exam (EM):
No

Grades Breakdown:

<table>
<thead>
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<th>Aspect</th>
<th>Percent</th>
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<tbody>
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Representative Textbooks and Other Course Materials:

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Year</th>
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<tbody>
<tr>
<td>No Textbooks and Other Course Materials Entered.</td>
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<td></td>
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ABET Student Learning Outcomes

ABET-CAC Criterion 3 Outcomes:
(N/A)
**ABET-ETAC Criterion 3 Outcomes:**
(N/A)

**ABET-EAC Criterion 3 Outcomes:**

<table>
<thead>
<tr>
<th>Contribution Type</th>
<th>Hours</th>
<th>Description</th>
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<tbody>
<tr>
<td>Significant</td>
<td>7+</td>
<td>an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics</td>
</tr>
<tr>
<td>Substantial</td>
<td>3-6</td>
<td>an ability to communicate effectively with a range of audiences - pre-2019 EAC SLO (g)</td>
</tr>
<tr>
<td>Substantial</td>
<td>3-6</td>
<td>an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions</td>
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**Embedded Literacies (UG courses only)**

**Embedded Literacies Info:**

**Attachments / Additional Notes or Comments**

**Attachments:**
(N/A)

**Additional Notes or Comments:**
(N/A)