ENGINEERING MANAGEMENT IN THE AEROSPACE INDUSTRY - GRADUATE CERTIFICATE

The certificate in engineering management in the aerospace industry is designed for students enrolled in the MS in Aerospace Engineering or ME Engineering Management, as well as other master’s degree programs (computer science, electrical engineering and mechanical engineering).

Learn leadership and program management skills widely employed by the aerospace industry in this jointly sponsored program between the Ann and H. J. Smead Aerospace Engineering Science Department and the Engineering Management Program.

For more information, visit the Engineer Management Program’s Engineering Management in the Aerospace Industry Certificate (https://www.colorado.edu/emp/programs/graduate-program/graduate-certificates/engineering-management-aerospace-industry) webpage.

Distance Education Option

Students can take individual courses toward a master’s degree or graduate certificate through distance education (online). For more information, connect with the individual graduate program directly.

Requirements

This certificate requires 12 credit hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>EMEN 5030</td>
<td>Fundamentals of Project Management</td>
<td>3</td>
</tr>
<tr>
<td>EMEN 5830</td>
<td>Special Topics (Leading Technical Organizations)</td>
<td>3</td>
</tr>
<tr>
<td>EMEN 5830</td>
<td>Special Topics (Global Topics in Aerospace)</td>
<td>3</td>
</tr>
<tr>
<td>EMEN 5830</td>
<td>Special Topics (Aerospace Program Management)</td>
<td>3</td>
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</tbody>
</table>

Total Credit Hours 12

Learning Objectives

Through completion of the certificate program, students are expected to:

- Build leadership and program management skills widely employed by the aerospace industry.
- Gain insight into the unique combination of relationship building, business acumen and risk-taking required to successfully complete technically complex, multi-disciplinary projects.
- Build a solid foundation in the current global topics pertaining to aerospace and the tools employed by successful leaders.
- Learn from faculty and guest speakers with expertise in the aerospace industry.