ENGINEERING MANAGEMENT - MINOR

The engineering management minor complements the technical knowledge of a baccalaureate engineering degree by introducing business skills engineers need to succeed in today's job market. After completion of the requirements, the undergraduate minor in engineering management will be listed on the student's transcript at the time of graduation along with the student's BS degree.

For more information, visit the program's Undergraduate Engineering Management Minor (http://www.colorado.edu/emp/engineering-management-minor) webpage.

Requirements

Eligibility

The engineering management minor is open to undergraduate students rostered in the College of Engineering and Applied Science.

Program Requirements

Students must complete 18 credit hours: 2 required courses totaling 6 credit hours, plus an additional 12 credit hours of electives.

A cumulative GPA of 2.250 or better is required for courses used to satisfy the requirements of this minor. Each course requires a minimum grade of D- or better (note, however, that a C- or better is required in all prerequisite courses to qualify to take a subsequent course).

To meet the minor’s residency requirement, at least three courses need to be taken at CU Boulder (in person or online).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Required Courses</td>
<td></td>
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<tr>
<td>EMEN 4030</td>
<td>Project Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>or AREN 4506</td>
<td>Pre-construction Estimating and Scheduling</td>
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<tr>
<td>or CSCI 3308</td>
<td>Software Development Methods and Tools</td>
<td></td>
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<tr>
<td>or CVEN 3246</td>
<td>Introduction to Construction</td>
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<tr>
<td>EMEN 4100</td>
<td>Engineering Economics</td>
<td>3</td>
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<tr>
<td>Electives</td>
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Choose four of the following: 12

- EMEN 3100 Introduction to Engineering Management
- EMEN 4050 Leadership and Professional Skills
- EMEN 4110 Supply Chain Management
- EMEN 4120 Managing Business Processes
- EMEN 4200 Engineering and Entrepreneurship for the Developing World
- EMEN 4400 Quality Management
- EMEN 4405 Systems Engineering
  or ECEN 458 Software System Development
- EMEN 4800 Technology Ventures and Marketing
- EMEN 4820 Entrepreneurial Product Development
- EMEN 4825 New Venture Creation
- EMEN 4830 Special Topics

Total Credit Hours 18

For a list of accepted elective substitutions that can satisfy up to 3 credit hours, visit the Undergraduate Engineering Management Minor Course Requirements (https://www.colorado.edu/emp/undergraduate-engineering-management-minor-course-requirements) webpage.