Global Competency and Business Acumen
Engineering Managers = Technology Translators

Engineering Management

- Business & Industry Context
- Critical Thinking
- Team Building
- Collaboration
- Managing Complexity

Engineering Major
- Technical Content
- Domain Theory
- Problem Solving

Engineering
Engineering Management Certificate
12-credit hour program

**Required Course**
- EMEN 4030
  - Project Management Systems
  - *OR CVEN 3246

**Elective Courses** Choose 3
- EMEN 4830
  - Introduction to Engineering Management
- EMEN 4100
  - Business Methods & Economics for Engineers
- EMEN 4200
  - Engineering Entrepreneurship for the Developing World
- EMEN 4050
  - Leadership & Professional Skills
- EMEN 4800
  - Technology Ventures & Marketing
- EMEN 4825
  - Entrepreneurial Business Plan Preparation
- EMEN 4830
  - Systems Engineering
Customized & Flexible

- Attend on-campus or virtually
- Year-round courses
- Many majors count these credits toward technical electives
- The certificate will be documented on student’s transcript
<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009-2010</td>
<td>122</td>
<td>141</td>
<td>0</td>
</tr>
<tr>
<td>2010-2011</td>
<td>126</td>
<td>0</td>
<td>96</td>
</tr>
<tr>
<td>2011-2012</td>
<td>103</td>
<td>96</td>
<td>89</td>
</tr>
<tr>
<td>2012-2013</td>
<td>9</td>
<td>112</td>
<td>59</td>
</tr>
<tr>
<td>2013-2014</td>
<td>170</td>
<td>143</td>
<td>58</td>
</tr>
<tr>
<td>2014-2015</td>
<td>182</td>
<td>67</td>
<td>54</td>
</tr>
<tr>
<td>2015-2016</td>
<td>222</td>
<td>248</td>
<td>67</td>
</tr>
<tr>
<td>2016-2017</td>
<td>305</td>
<td>357</td>
<td>67</td>
</tr>
<tr>
<td>2017-2018</td>
<td>366</td>
<td>428</td>
<td>84</td>
</tr>
<tr>
<td>2018-2019</td>
<td>527</td>
<td>514</td>
<td>105</td>
</tr>
<tr>
<td>2019-2020</td>
<td>632</td>
<td>628</td>
<td>131</td>
</tr>
</tbody>
</table>

*Number of student course enrollments (not # of individual students seeking certificate)*
How will we get there?

- Teaching Excellence
- Compelling Curriculum Design
- Flexible Course Scheduling
- Resources
Engineering 2020: Vision for Excellence

Questions?

Be Boulder.

UNIVERSITY OF COLORADO BOULDER