"Strive for perfection in everything you do. Take the best that exists and make it better. When it does not exist, design it."
- Sir Henry Royce, Engineer.

INDUSTRY ADVISORY COUNCIL

Did you know that the CU-Boulder/CMU Mechanical Engineering Partnership has an Industry Advisory Council (IAC)? Members of the IAC are invaluable to the program as they:

- provide insight into anticipated industry needs,
- sponsor Senior projects,
- offer internships and other learning opportunities and
- help to ensure that our curriculum is relevant

We are grateful to the following member companies who currently serve on our IAC:

- B&B Electric
- C5 Medical Werks, LLC
- Capco, Inc.
- Colorado SBDC Network (Business Incubator)
- CoorsTek
- Development Construction Services
- Engineered Coatings, Inc.
- Express Employment Professionals
- GPD Global
- Grand Junction Chamber of Commerce
- Grand Valley Engineering Solutions
- Grand Valley Power
- Halliburton
- John McConnell Math & Science Center
- JVA, Inc.
- Lewis Engineering
- Mesa County Government
- Motus
- Reynolds Polymer Technology, Inc.
- Rolland Engineering
- Shaw Construction
- Spendrup Fan Co.
- Storage Tank Technology, Inc.
- Western Slope Industries
Check out these scholarship opportunities!

**DESCRIPTION**
Merit-based and need-based general scholarships are awarded, in the amount of $1,000 - $3,000, to qualified high school graduating seniors, undergraduate students, and graduate students who demonstrate both significant motivation and aptitude for a career in science, technology, engineering or mathematics.

**ELIGIBILITY**
Must be a SHPE member to apply (You can become a SHPE member before you apply for scholarship: Undergraduate and Graduate students please go to [http://www.shpe.org/index.php/join-shpe](http://www.shpe.org/index.php/join-shpe))
- Hispanic-descent
- U.S. citizenship is not required.
- Be accepted into or attending an accredited 2-year or 4-year college or university in the United States or Puerto Rico.
- Be enrolled full-time (12 hrs undergraduate, 9 hrs graduate) during the academic year. High school graduating seniors must be graduating from an accredited U.S. high school with a diploma.
- Minimum GPA: 2.75 on a 4.0 for high school seniors and undergraduates; 3.00 on a 4.0 scale for graduate students.
- Major in science, technology, engineering, mathematics or a related field.
- Be pursuing your first bachelors, masters or doctoral degree. (Students pursuing a second bachelors, etc. are not eligible).

**Lew Goodhart Memorial Scholarship**
*Non-traditional students in Colorado*

The Lew Goodhart Memorial Scholarship is awarded to individuals who demonstrate the desire, ability and determination to complete an education, but who, without financial assistance, would be unable to do so. This scholarship is available to current college students who are western Colorado residents and have completed a minimum of 15 college credit hours. Preference is given to non-traditional students. Other requirements include a GPA between 2.0 and 3.5, motivation toward goals, and demonstrated financial need.

Applications may be submitted from April 15 to June 1 each year. Two scholarships of $1,000 are awarded each year. These scholarships are non-renewable.

» To download application guidelines and form, [click here](#).

**STEM Inclusion Scholarship ($1000)**
*Deadline to apply December 31*

**Eligibility requirements:**
- Open to currently enrolled students working toward a degree in a field of Science, Technology, Engineering or Mathematics from a group underrepresented in their field of study. Underrepresented groups may be defined by: gender, race, ethnic background, disability, sexual orientation, age, socio-economic status, nationality and other non-visible differences.
- Minimum GPA 3.0
- For more information, [click here](#).
Internships and Career Opportunities

The Mechanical Engineering Partnership Program receives job listings routinely from employers who wish to recruit our students.

Check the Career Opportunities section of our website (www.coloradomesa.edu/engineering) for current listings. As we receive new listings and position descriptions, we will update the website as well as post the information on the bulletin board in the Archuleta Engineering Center on the second floor (Classroom 205 hallway.)

Also keep an eye out for internship and job opportunities through CMU’s Office of Career Services and the MavJobs web site:

Click these links to access:  

Career Services  
MavJobs

CoorsTek Career Opportunities

Join the Team of Excellence!

CoorsTek in Grand Junction currently has an opening for a Production Technician II. Click here for details.

“When you want to know how things really work, study them when they’re coming apart.”
— William Gibson, Zero History

Students in Advanced Fluids presented Supersonic Flow demonstrations in October.
Club News: Engineers Without Borders

Basically we have been hashing out a lot of the boring stuff so we can get to the fun stuff... project development and travel! To date we have:

1) Ratified EWB-CMU’s Club Constitution
2) Had EWB-CMU logo approved
3) Started working with Org Sync to become an official CMU Club (should happen before the end of the month)
4) Made a presentation to the Industry Advisory Council basically telling them: who we are, what we do, where we are at now and where we want to be
5) Put together plans for our initial fundraising event to occur sometime in mid November
6) Worked on the last bits of our EWB-USA application so we can become an official EWB-USA Chapter and start adopting communities from around the world (we will have our application out by January, 1st 2014 and should receive confirmation from EWB-USA by February, 1st 2014.

It is important to note that now that we are starting fundraising events and we are getting close to initial project selection it would be great to see as many faces as we can.

CU Partnership Criteria

There are two ways for current CMU students to be accepted into the CU BSME program:

1) Earn at least a 2.9 GPA after one year at CMU, taking a two-course sequence in math and science with A’s and B’s, or
2) Earn a 2.9 GPA or better after completing all required lower division coursework at CMU.

If you meet one of these criteria and you plan to apply for admission to the BSME program this academic year, we hope you’ve already turned in your CU Transfer Application. If not, please plan to do so by December 1.

If you have questions or concerns about your status, schedule a meeting with Dr. Tim Brower, Program Director (tbrower@coloradomesa.edu or 248-1662), as soon as possible but NO LATER THAN DECEMBER 1.

Have you met your Advisor?

You are welcome to choose any faculty member to be your advisor. If you have met with a faculty member in the past, please stay with that faculty member as your advisor. However, for incoming students, your official advisor is assigned based on the first letter of your last name, as follows:

<table>
<thead>
<tr>
<th>Last Name Begins With</th>
<th>Faculty Advisor:</th>
<th>Office:</th>
<th>Phone:</th>
<th>E-mail:</th>
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<tr>
<td>A-C</td>
<td>Dr. Nathan McNeill</td>
<td>AEC 206</td>
<td>248-1623</td>
<td><a href="mailto:ncmneill@coloradomesa.edu">ncmneill@coloradomesa.edu</a></td>
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<tr>
<td>D-H</td>
<td>Dr. Scott Bevill</td>
<td>AEC 212</td>
<td>248-1459</td>
<td><a href="mailto:sbevill@coloradomesa.edu">sbevill@coloradomesa.edu</a></td>
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<tr>
<td>I-L</td>
<td>Dr. Scott Kessler</td>
<td>AEC 216</td>
<td>248-1673</td>
<td><a href="mailto:skessler@coloradomesa.edu">skessler@coloradomesa.edu</a></td>
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<tr>
<td>M-R</td>
<td>Dr. Farzad Taghaddosi</td>
<td>AEC 125</td>
<td>248-1678</td>
<td><a href="mailto:ftaghaddosi@coloradomesa.edu">ftaghaddosi@coloradomesa.edu</a></td>
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<tr>
<td>S-Z</td>
<td>Dr. Francisco Castro</td>
<td>AEC 215</td>
<td>248-1564</td>
<td><a href="mailto:frcastro@coloradomesa.edu">frcastro@coloradomesa.edu</a></td>
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