Join us!!

Aspire / Advance / Achieve

Make plans now to attend!!!
SWE Interest Meeting
Friday, March 4
12:30 p.m.
Archuleta Engineering Center
Conference Room

Pizza Pi Day!!!
because we’re on Spring Break
for the “real” Pi Day!

ALL ENGINEERING STUDENTS ARE INVITED AND WELCOME TO ATTEND!
Please join us in the AEC conference room on Friday, March 4, at 12:30 pm to enjoy a slice of pizza and share ideas about promoting SWE at CMU! ALSO HELP PLAN A SERVICE PROJECT ADAPTING “KID CARS” (toy vehicles) for kids with motor disabilities. This project will be undertaken with Family Health West sometime in April. (SWE Collegiate Membership is available to college students pursuing a degree in engineering, engineering technology, or a field related to engineering who are not yet employed full time in an engineering position. You do NOT have to be a woman to belong to SWE.)

Community Outreach Opportunities: Can you help?

We REALLY need student volunteers to assist with the following events:

Thursday, March 17, 3:30—5:00 pm: Fruita Middle School MESA Club Milk Jug Raft Competition at Orchard Mesa Pool  Engineering students needed to serve as judges of raft construction and artistic qualities.

Monday, April 11, 10 am—12 noon: Middle School Career Fair in the University Center  Engineering students needed to staff a table and talk to middle school students who want to learn about engineering as a potential career.

If you can help with either of these events, please e-mail Harriet Carpenter (hcarpenter@coloradomesa.edu) or stop by the AEC front desk ASAP!
Internships

The Math & Science Center is seeking undergraduate science, engineering or math students to work as part of the STEM Fellows team for the Summer of 2016.

Summer STEM Fellows positions are full-time (up to 40 hours per week) beginning as soon as May 16, 2016, but no later than May 23, 2016, and continuing through July 29, 2016. The position pays $10.00 per hour without benefits.

Application forms are available at the AEC Front desk or e-mail hcarpenter@coloradomesa.edu to request one.

McDowell Engineering is a small traffic and transportation engineering firm located in Eagle, Colorado. They are seeking a college engineering candidate who will be a junior this fall with at least a 2.8 GPA. Job responsibilities will include developing a basic knowledge of traffic and transportation engineering evaluation, traffic data collection, traffic modelling and simulation, and transportation engineering design. Stop by the AEC front desk or e-mail hcarpenter@coloradomesa.edu for details on how to apply.

Scholarships

SGM, a civil engineering, consulting, and surveying firm headquartered in Glenwood Springs, CO, with additional offices in Aspen, Gunnison, Grand Junction, Salida, Durango and Meeker, awards up to five (5) scholarships in the amount of $1000 each. Scholarship recipients are chosen from the following school districts within the geographic regions primarily served by SGM:

- Archuleta County School District #50
- Bayfield School District
- Crestone Charter School
- Durango School District 9-R
- East Grand School District
- Garfield School District RE-2
- Ignacio School District 11-JT
- Mesa County Valley School District 51
- Montezuma-Cortez School District RE-1
- Rangely School District RE-4
- Salida High School
- Telluride District R-1
- Any private, alternative or charter schools in any of the above districts
- Aspen School District RE-1
- Buena Vista School District R-31
- Dolores School District RE-4A
- Eagle County School District RE-50J
- Garfield School District 16
- Gunnison Watershed RE-1J School District
- Meeker School District RE-1
- Moffat County School District RE-1
- Norwood School District
- Roaring Fork School District RE-1
- Silverton School District No. 1
- Trinidad School District Number 1
- Any private, alternative or charter schools in any of the above districts

The scholarship is also open to students who have graduated from one of the above-mentioned high schools and are currently attending a college/university and pursuing studies in the above disciplines. Applications are available at the AEC Front desk or e-mail hcarpenter@coloradomesa.edu to request one.

All entries must be postmarked or received by Friday, April 1, 2016 no later than 4 p.m.
Career Fair Tips

Earlier this semester, three of our Junior level students in the BSME program travelled to Boulder to attend a Career Fair at CU. It was a large event that was well attended ... so well attended, in fact, that the lines at some employer tables were very long! This experience led our students to the following conclusions that they are sharing with you now in order to make your future career fair experiences more successful:

- Before the fair, review the directory of employers and their job opportunities.
- Prioritize the employers you find most interesting.
- When you arrive, get your bearings. Locate and walk by the tables or booths for the employers in whom you’re most interested. Assess the crowds or lines of students waiting and determine an effective strategy for visiting with the companies you came to meet.
- Bring many (20+) copies of your resume! You may not have time to share your “elevator pitch” but you will have time to leave a resume! And you may meet employers who weren’t on your initial interest list with whom you’d like to leave a resume - so be sure to bring more copies than you think you’ll need!

Take note! Admission Requirements for CU-Boulder/CMU Mechanical Engineering Partnership’s BSME degree program are changing!

For students who apply to enter the BSME program as Juniors for fall semester 2017 and later, their overall GPA for courses taken at CMU must be 3.0 or higher. (Previously, the overall CMU GPA requirement was 2.9.)

According to ASME.org, a career in the wind power industry is not always a first choice for mechanical engineers. But there can be job opportunities for those with vision. Here are five areas to consider:

- Engineering Consulting Firms
- National Laboratories
- Windfarm Development
- Offshore Wind
- Banking

Read the full article at:
www.asme.org/career-education/articles/career-and-education/5-areas-consider-jobs-wind
ENGR 140’s annual Trebuchet Challenge was held on Friday, February 12. Congratulations to all the participants!!!! And special thanks to CMU tennis coach Dan MacDonald for donating the tennis balls!!!!
Faculty Advisors
The purpose of a faculty advisor is to assist in the process of degree completion. Students are required to have a faculty advisor's signature on their Program Sheet and other graduation paperwork.

Find Your Advisor
Your Advisor assignments can be found by running your DegreeWorks report in MavZone. (Note: Dr. Brower is the secondary advisor for all Engineering students. He is the primary advisor only for students in the CU-Boulder BSME degree program.)

Engineering Faculty Advisors
We strongly urge all students to take advantage of the opportunity to plan their course sequence, review potential elective choices, and discuss issues of concern with their Primary Faculty Advisor. Please e-mail your advisor to make an appointment when you need to see them.

<table>
<thead>
<tr>
<th>Name</th>
<th>Office</th>
<th>Office Phone</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Scott Bevill</td>
<td>AEC 212</td>
<td>970.248.1459</td>
<td><a href="mailto:sbevill@coloradomesa.edu">sbevill@coloradomesa.edu</a></td>
</tr>
<tr>
<td>Dr. Timothy Brower</td>
<td>AEC 213</td>
<td>970.248.1662</td>
<td><a href="mailto:tbrower@coloradomesa.edu">tbrower@coloradomesa.edu</a></td>
</tr>
<tr>
<td>Dr. Francisco Castro</td>
<td>AEC 215</td>
<td>970.248.1564</td>
<td><a href="mailto:frcastro@coloradomesa.edu">frcastro@coloradomesa.edu</a></td>
</tr>
<tr>
<td>Dr. Scott Kessler</td>
<td>AEC 216</td>
<td>970.248.1673</td>
<td><a href="mailto:skessler@coloradomesa.edu">skessler@coloradomesa.edu</a></td>
</tr>
<tr>
<td>Ms. Sarah Lanci</td>
<td>AEC 125</td>
<td>970.248.1678</td>
<td><a href="mailto:slanci@coloradomesa.edu">slanci@coloradomesa.edu</a></td>
</tr>
<tr>
<td>Dr. Nathan McNeill</td>
<td>AEC 206</td>
<td>970.248.1623</td>
<td><a href="mailto:nmcneill@coloradomesa.edu">nmcneill@coloradomesa.edu</a></td>
</tr>
</tbody>
</table>

West Middle School Field Trip to AEC on Friday, February 19: HUGE THANKS TO MS. LANCI, MR. AFFRUNTI, DR. BROWER AND ALL OUR STUDENT VOLUNTEERS for making the day a BIG SUCCESS!!!!

IMPORTANT UPCOMING DATES:
March 14-18: SPRING BREAK
Monday, March 28: CMU Registration opens for Fall 2015 semester
Friday, April 15, 8:30 a.m.—1:00 p.m.: Orientation for incoming CU (Partnership) students
Friday, April 29: Seventh Annual CMU Student Showcase
Wednesday, May 4, 4:00 pm: Industry Advisory Council meets to review Senior Design Projects
Friday, May 6, 9:00 a.m.: CU-Boulder Engineering Recognition Ceremony (Coors Events Center, Boulder)
Saturday, May 7: CU-Boulder Commencement
May 9-12: FINALS Week
Saturday, May 14: CMU Commencement Ceremony (Stocker Stadium)