Did you know that freshmen can join ASME for free? Check it out!!!

go.asme.org/students

MavFunder is the official crowdfunding platform for Colorado Mesa University. Crowdfunding is the practice of fundraising for a specific student, faculty or staff project by sharing the campaign through personal networks. SupportingCMU.org/MavFunder

8th Annual Student Showcase: April 28
Application deadline: March 1

http://www.coloradomesa.edu/showcase/

“The Elusive Women of Science”
By Victoria Chavez
Find it in the article in Fall 2016 issue of Horizon Magazine pages 46-48. A copy of the article can be found at the AEC front desk.

Congratulations Dr. Brower
The 2016-17 CMU Mechanical Engineering Technology ABET Self-Study Report has been selected for display of well-prepared Self-Study Reports at the 2017 ABET Symposium, April 20th and 21st in Baltimore, MD. The criteria for selection were designed to identify well-written and well-organized Self Study Reports. This nomination is not associated with the final accreditation action. There will be about fifty self-studies from all four commissions on display. Congratulations and many thanks to Dr. Tim Brower for his leadership!

What’s the difference between mechanical engineers and civil engineers?
Mechanical engineers build weapons.
Civil engineers build targets.

Spring 2017
V.1
Scholarships

Current scholarship information is filed in a binder at the AEC Front Desk. Stop by and check it out!

Rocky Mountain Water Environment Association

Advancing the professional development of our members

Each scholarship (Bill Martin & Tony Campman) is for $2500, and is awarded yearly by the RMWEA.* The scholarship also entitles the award recipients to a one-year complimentary student or associate membership in the RMWEA.  www.rmwea.org/scholarship

College of Engineering & Applied Science

University of Colorado Boulder

2017-2018 Engineering Merit Scholarship Application. Due March 1
See emails from Gretchen L Lee  cuboulder.qualtrics.com/SE/?SID=SV_eXWiuz850dqcEnj

Jobs

If you want to use your talent to make the world a safer place, Raytheon is the place to pursue a career.
After all, you’ll be part of a dynamic and diverse global team that’s working together to solve some of the most demanding challenges on the planet.
Whatever your area of interest and expertise, you’ll play an integral role in creating sophisticated systems and platforms that will help redefine defense and government electronics, space exploration, information technology, cyber security and more.
At the same time, you’ll enjoy all kinds of opportunities to grow to your full potential, with the advantages of world-class career development programs and outstanding real-life rewards.
Apply now at  https://jobs.raytheon.com/college-jobs

Manufacturing Engineer

Riverpoint Medical designs, develops and markets next generation, unique medical devices for the veterinary and healthcare markets. We take pride in our 75+ years of accumulated medical manufacturing experience, and heartfelt dedication to quality and customer satisfaction. Our expertise is in special projects, taking concepts or prototypes to production. We train, design and produce custom fixturing and processes to coordinate logistics and maximize efficiency. See the Job Binder for full job details.
About AfterCollege

We have a lofty vision: to help every college student and recent graduate discover their career path. In our 15 year history, AfterCollege has become the largest career network for college students and recent graduates. Featuring 400,000 entry-level jobs and internships from 25,000+ employers, AfterCollege reaches more than 5,000,000 students each year, including 18,000 faculty, student group and administrative contacts at over 2,000 colleges and universities. Our patented job-matching algorithm pairs new job seekers with opportunities that fit their degree, school, skills and interests making the job search and the candidate search more efficient for everyone.

Check it out at www.aftercollege.com

Internships

Current Internships and Job Opportunities are filed in a binder at the AEC Front Desk. Stop by and check them out!

Summer Academy in Sustainable Manufacturing

Undergraduate students have the unique opportunity to, for 10 weeks this summer, attend the NSF REU Site: Summer Academy in Sustainable Manufacturing at Wayne State University in midtown Detroit, MI. The program offers undergraduates of all disciplines the opportunity to perform cutting edge sustainable manufacturing research in four interdisciplinary research areas: (1) nano-coating and lightweight materials and manufacturing, (2) energy storage materials, batteries, and inversion devices, (3) remanufacturing and sustainability assessment, and (4) chemical-energy-water nexus.

Students will receive a $5,000 stipend, up to $500 for travel to and from Wayne State University, and room and board in campus dormitories. Applicants are expected to have a GPA of 3.0 or higher and must be a citizen or permanent resident of the United States.

To apply to the program and for more information regarding site activities, research projects, or faculty mentors, contact either of the following program directors and visit our website at https://advancedmaterials.wayne.edu/summer-academy.

Dr. Jeremy L. Rickli: jrickli@wayne.edu
Dr. Yinlun Huang: yhuang@wayne.edu

Application DUE: February 17, 2017
Acceptance Notification: March 10, 2017
Program Period: June 1 - August 10, 2017
Graduation

CU Seniors
Congratulations! Information on related events is below. Please note the times listed are start times, and that graduates and family members should plan to arrive early.

University of Colorado Commencement
Date/Time: Friday, May 12th at 8:30AM
Location: Folsom Field
More information: [http://www.colorado.edu/commencement/spring-ceremony](http://www.colorado.edu/commencement/spring-ceremony)

Mechanical Engineering Recognition Ceremony*
Date/Time: Friday, May 12th at 4PM
Location: Macky Auditorium
RSVP information coming soon.
Please join us for an outdoor reception, after the ceremony.
*This is replacing the College of Engineering Recognition Ceremony, which is no longer being held.

CMU Graduation
Stocker Stadium-Lincoln Park
Saturday, May 13, 2017 at 8:30 a.m.
Graduates need to arrive at 7:30 a.m.
More information: [http://www.coloradomesa.edu/commencement/may/index.html](http://www.coloradomesa.edu/commencement/may/index.html)

Cap, Gown, Announcements, Class Rings & Other Graduation Supplies
Stop by the Grad Fair to purchase your cap, gown, and announcements. Catering and party-planning vendors will also be available. This event is sponsored by the Maverick Store and the Alumni Association.
- Wednesday February 22, 2017: 11:00 am - 6:00 pm
- Thursday February 23, 2017: 9:00 am - 2:00 pm
Herff Jones will be near the west inside entrance to the Maverick Store in the University Center both days.
ENGR’s annual Trebuchet Challenge was held on Friday, February 10. Congratulations to all participants.

For more Pictures, check out facebook.com/CMUEngineers
Support Society of Women Engineers while you eat!

SWE is an engineering club for everyone. Currently SWE’s big focus is on Go Baby Go (GBG). March 11th will be the 2nd annual GBG event. If you have any questions about SWE, GBG, or attending an event, contact Josie Carlson jecarlson@mavs.coloradomesa.edu

Friday, March 10th
11:30am-1:00pm
Chez Lena Restaurant
2508 Blichmann Ave

Wednesday, April 5
1:00pm-5:00pm
Enzo’s Pizzeria & Italian Café
759 Horizon Dr.

A percent of the proceeds from the event goes to SWE, at no additional cost to you!
Interested in a BS degree in Mechanical or Civil Engineering through the CU-Boulder Engineering Partnership?

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

1. Earn a B or better in two CMU calculus courses and two CMU physical science courses (calculus-based physics and/or college chemistry) with an overall CMU GPA of at least 3.0, OR

2. Complete the recommended engineering curriculum for Freshman and Sophomore Years with a combined GPA in these courses not lower than 3.0, and an overall CMU cumulative GPA not lower than 3.0.

If you would like more information about planning your coursework to meet these requirements or you would simply like to learn more about Engineering options at CMU, please schedule an appointment with your faculty advisor. (Advisor contact information appears on next page)

If you are planning to pursue a BSME or BSCE degree from the CU-Boulder/CMU Engineering Partnership Program, please choose your Humanities and Social Sciences (H&SS) electives carefully. The list of CMU classes that may be used to fulfill H&SS requirements may be found on the CMU Engineering website at http://www.coloradomesa.edu/engineering/documents/HSSAcceptableClasses-August2015Update.pdf. (There are copies available at the AEC front desk and on the AEC 2nd floor bulletin board.) **ALSO: always touch base with your faculty advisor as you plan your courses for the next semester.** Classes may not always be offered on the schedule your program sheet suggests.

Orientation for students who will be an incoming junior to the CMU/CU-Boulder Mechanical Engineering Partnership Program in Fall 2017 will be held in the AEC Conference room on Friday, April 21, 2017 8:30am until Noon

Please Note

Students are eligible to take two CU classes before they are admitted into the Partnership Program.

If you have room in your schedule, the fall class you could consider is ThermoDynamics. For more information, contact Dr. Tim Brower.
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 Mechanical 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.

Contact information for Engineering Faculty Advisors is shown below:

<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 228</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>
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<td>970.248.1564</td>
<td><a href="mailto:fcastro@coloradomesa.edu">fcastro@coloradomesa.edu</a></td>
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<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>
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<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>
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<tr>
<td>Dr. Peter Mitrano</td>
<td>AEC 213</td>
<td>970.248.1997</td>
<td><a href="mailto:pmitrano@coloradomesa.edu">pmitrano@coloradomesa.edu</a></td>
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<tr>
<td>Mr. Chris Penick</td>
<td>AEC 213</td>
<td>970.248.2127</td>
<td><a href="mailto:cpenick@coloradomesa.edu">cpenick@coloradomesa.edu</a></td>
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FE Review Schedule

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