Congratulations to the Class of 2014!

As the Spring 2014 semester draws to a close, we want to take this opportunity to wish our graduating Seniors all the best! Please join us in congratulating the students listed below. (If we know where they’re headed post-graduation, their plans appear in parentheses.)

**Bachelor of Science in Mechanical Engineering (CU):**
- Steven Beaulieu (starting his own solar heating company)
- Jeremy Cleaveland
- Matthew Cooper
- Daniel Gatt (Gordon Composites, Montrose, CO)
- Britton Humphrey (taking the summer off to travel & finish hot rod project)
- Derrell Lindsey (Mountain Racing Products)
- William MacDonald (Bonsai Design, Inc.)
- Skyler Ogden (Mesa County Business Incubator, consulting for local companies)
- Jeffrey Pike (Flexpipe Systems)
- Justin Robbins (U.S. Department of Agriculture)
- Kristopher Sharpe (Solar Turbines)
- Jeremy Skoog (Spendrup Fan Co.)
- Conrad Sweat (Microglass of Colorado)

**Bachelor of Science in Mechanical Engineering Technology (CMU):**
- Maureen Foster (Western Slope Industries)
- Jose Morales-Carballo
- Brian Powers

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NEW RULES FOR ENGLISH COURSES FOR ENGINEERING MAJORS

Incoming freshmen with ACT English scores below 24 will be required to complete ENGL 111 and ENGL 112.

New pre-requisites (beginning Fall 2014) to register for ENGL 425 (Scientific Writing) are as follows. To register for ENGL 425, a student must have:

- Scored 24 or better on their ACT English exam, OR
- Completed 75 college credit hours, OR
- Completed ENGL 111 and ENGL 112

SCHOLARSHIP NEWS

AUTOMOTIVE HALL OF FAME

The Automotive Hall of Fame offers scholarships to students who have a sincere interest in pursuing a career in the automotive industry. To be eligible, you must have a GPA of 3.0 or better in addition to demonstrated financial need. For more information and to download an application, please visit:

http://www.automotivehalloffame.org/education/scholarships

APPLICATIONS (INCLUDING OFFICIAL TRANSCRIPT AND TWO LETTERS OF RECOMMENDATION) MUST BE POSTMARKED BY JUNE 30.

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, go to wc-cf.org

Remember to check the bulletin boards in the AEC 2nd floor student lounge and hallway for the latest scholarship, internship, and job announcements.

CU-BOULDER’S VISION FOR EXCELLENCE

CU-Boulder announces the publication of A Fresh Look at Engineering 2020: Vision for Excellence. This plan reviews CU’s progress over the past five years and responds to the dynamic growth in enrollments and the changes in the economic, technological, and reputational landscape that they’ve seen during this time. By fall 2020, CU hopes to double engineering enrollments and make the list of the top 20 engineering programs in the country at both the graduate and undergraduate levels.
A mix of students from sophomore to senior (both ME and AME) took part in the Certek Challenge course in Spring 2014. The course was sponsored by Certek Heating Solutions Inc., a local company, who was interested in determining the efficiency of one of its heating units, called “Heat Machine”. The units are mostly used in the oil & gas industry to keep the fracking fluid from freezing in Colorado’s cold winter environment. When connected to heat exchangers, they can also be used to heat up large spaces, such as gyms, schools, etc. Four teams competed in this challenge, which was taught and directed by Dr. Taghaddosi, with Dr. Kustas as the advisor. Students had a tremendous amount of hands-on experience, observing first-hand the principles of thermodynamics, heat transfer, and fluid mechanics all in one place. Besides, they had the chance to interact frequently with the customer and learn valuable lessons.

On May 7, 2014, the students had their final project presentation, which was judged by the faculty and Certek Staff. The winners of the competition were:

- 1st place: Victoria Chavez, Gavin Downey, Justin Edmonds
- 2nd place: Megan Brown, Ben Blandina, Isaac Koch, Brian Powers
- 3rd place: Clancy Garoutte, William MacDonald
- 4th place: Jeremy Cleaveland, James Bauer, Logan Gillespie

All teams were awarded scholarships by Certek, with the 1st place team winning the largest amount!

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The Engineering Club’s FSAE team is charging hard to get through designing a car to compete in FSAE Michigan 2015. While researching everything from steering geometry to pedal design they are staying very busy towards the end of the semester! On May 14th, four club members will travel to Michigan for 4 days to observe this year’s competition to help finish up their design and move on to beginning assembly this summer.

The club would also like to thank everybody who bought a CMU Engineering tee shirt! If you want to get your hands on one before the semester closes out, talk to Harriet at the front desk of AEC. We are almost sold out, but can assure you there will be another batch in the fall!

If you want to get in touch with the Engineering Club over the summer, or get involved with FSAE, you can contact them on Orgsync.
Have you met your Advisor?

Your official advisor is assigned based on the first letter of your last name, as follows:

Dr. Tim Brower (AEC 213, 248-1662, tbrower@coloradomesa.edu) is the primary advisor for students who have been accepted into the CU-Boulder/CMU Mechanical Engineering Partnership BSME Program.

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<thead>
<tr>
<th>Last Name Begins With:</th>
<th>Faculty Advisor:</th>
<th>Office:</th>
<th>Phone:</th>
<th>E-mail:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-C</td>
<td>Dr. Nathan McNeill</td>
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<td>248-1623</td>
<td><a href="mailto:nmcneill@coloradomesa.edu">nmcneill@coloradomesa.edu</a></td>
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<tr>
<td>D-H</td>
<td>Dr. Scott Bevill</td>
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<td>I-L</td>
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<tr>
<td>M-R</td>
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CU Partnership Criteria

There are two ways for current CMU students to be accepted into the CU BSME 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 2.9, OR

2) Complete the sequence of courses listed on the current Mechanical Engineering Degree Requirements Worksheet for Freshman and Sophomore Years with a combined GPA in these courses not lower than 2.9, and an overall CMU cumulative GPA not lower than 2.9.

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 or the Partnership Program Director, Dr. Tim Brower (248-1662, tbrower@coloradomesa.edu).