To the optimist, the glass is half full. To the pessimist, the glass is half empty. To the engineer, the glass is twice as big as it needs to be.

**ADVISOR INFORMATION**

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:

- **Nathan McNeill: A-C**
  nmcneill@coloradomesa.edu
  AEC 206, 248-1623

- **Scott Bevill: D-H**
  sbevill@coloradomesa.edu
  AEC 212, 248-1459

- **Scott Kessler: I-L**
  skessler@coloradomesa.edu
  AEC 216, 248-1673

- **Farzad Taghaddosi: M-R**
  ftaghaddosi@coloradomesa.edu
  AEC 125, 248-1678

- **Francisco Castro: S-Z**
  frcastro@coloradomesa.edu
  AEC 215, 248-1564

**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, please give us a heads-up by calling the Department at 248-1400. 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. Also bear in mind that CU must receive your application before March 1 to be considered for CU scholarships.
Need help paying for college? Apply for a scholarship!

Fall semester has just begun but it’s never too soon to start researching scholarship opportunities and gathering the information you will need to complete the applications. Scholarships for STEM (Science, Technology, Engineering, and Math) students abound! A few examples are listed below along with some websites you may want to bookmark.

**Grand Valley Power Scholarships:**
Beginning in 2013, the cooperative will grant six $1,000 scholarships that cooperative members and their children can apply towards the cost of tuition at any accredited college or vocational school. For more information, go to: [www.gvp.org/content/scholarships](http://www.gvp.org/content/scholarships)

**www.asme.org** - > Career and Education - > Scholarships and Grants
- ASME Scholarships are awarded annually to eligible ASME Student Members.
- All scholarship payments will be made directly to the student's college or university to be used for educational costs in the following academic year.
- ASME Scholarships are intended to assist with upcoming studies in the next academic year. Students must begin such studies by January 30 of the academic year and provide a letter or document from the university confirming their enrollment.
- To be eligible, you must be a community college, college, or university student who is enrolled full-time in Mechanical Engineering (ME) or Mechanical Engineering Technology (MET) studies.
- Students must have established their grade point average (GPA) in their degree programs to qualify for ASME Scholarships. If you have not yet established a GPA at the college level, you are not yet eligible. You must be a current ASME student member to login to the online application system. All ASME Scholarships have specific eligibility requirements.
- ASME Scholarships require enrollment in an ABET accredited, or substantially equivalent, engineering degree program. ASME has one online application for all the ASME Scholarships, and you will be considered for all scholarships for which you qualify. To apply for most ASME Scholarships, please complete an online application form during the application cycle from early January thru March.

[www.aftercollege.com/content/scholarships](http://www.aftercollege.com/content/scholarships)

**NEXT SCHOLARSHIP DEADLINE: SEPTEMBER 30**
AfterCollege awards $500 Engineering scholarships once each quarter. Visit their website for details.
Apply for an Internship or Fellowship!

**STEM Fellows Application**

**Engineering Education Fellow**

The Math & Science Center is seeking two undergraduate engineering students to work as part of the STEM Fellows team for the 2013-2014 school year.

- Are you a sophomore, junior or senior, enrolled in the Colorado Mesa University mechanical engineering program?
- Are you self-motivated, outgoing, and academically successful (3.0 GPA or better)?
- Do you enjoy working with elementary and middle school children?
- Are you creative, and do you get excited about teaching others through “hands-on” activities?
- Are you interested in working collaboratively with other Colorado Mesa University engineering and science students in a FUN environment?

If so... this position is for you!

Engineering Education Fellow positions are part-time (up to 20 hours per week during the school year) beginning September 16, 2013 and continuing through May 2014. Funding for this position may continue through the summer of 2014. The position pays $10.00/hr, without benefits.

If you are interested in getting paid to teach and inspire younger students, please complete the application (available online at [http://www.mathandsciencecenter.org/component/content/article/45-whats-new/194-stem-engineering-fellows-application](http://www.mathandsciencecenter.org/component/content/article/45-whats-new/194-stem-engineering-fellows-application)) and return by e-mail or snail mail to:

Teresa Coons, Ph.D., Executive Director, tcoons@mathandsciencecenter.org, 970-154-1626

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**CMU Internship at Atlasta Solar Center**

Atlasta Solar Center and the CMU Unconventional Energy Center (UEC) have a joint project for this Fall 2013 Semester. The joint project is a solar energy system and natural gas generator demonstration project at the Atlasta Energy Campus in Grand Junction. Atlasta Solar partnering with the CMU UEC seeks to develop, provide, and eventually market a natural gas/solar/smart energy generation package for small a commercial and residential consumer that is technically and financially feasible. The CMU intern will be responsible for contributing to the design, installation, operation, maintenance, and data monitoring of the hybrid natural gas/solar power generation system. The internship will be ~15 hours per week. Hours are flexible. The internship takes place Sept. 2013 - November/Dec 2013, 16 weeks. This is a paid internship. Internship candidates should have strong quantitative skills, along with the ability to work in fast-paced business environment. Interested candidates must email a one-page cover letter and a one-page resume to gjgreenintern@gmail.com. No phone calls.
Job Opportunities

The Mechanical Engineering Partnership Program receives job listings routinely from Colorado 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.)

Help Us Stay in Touch With You!!!!

Is there an e-mail address other than your mavs.coloradomesa.edu or colorado.edu address where you would like to receive messages from the Department? Is there a better way than e-mail to reach you expediently (text? Facebook? Other ideas?) We want to make sure you are receiving information on scholarships, internships, etc. in a timely manner.

Please contact our Administrative Assistant, Harriet Carpenter (hcarpenter@coloradomesa.edu or 248-1400) to add alternate e-mail addresses to our distribution list or share ideas for communicating more effectively with our students.

The ideal engineer is a composite ... He is not a scientist, he is not a mathematician, he is not a sociologist or a writer; but he may use the knowledge and techniques of any or all of these disciplines in solving engineering problems.

N. W. Dougherty, 1955