CMU-CU Mechanical Engineering Program Orientation

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CU/CMU MCEN-CVEN Liaison
University of Colorado Structure:

University of Colorado

College of Engineering and Applied Sciences
- Academic policies and rules for earning a degree

Department of Mechanical Engineering
- What the curriculum looks like

Our campus is your campus!!

WELCOME!
Mechanical Engineering

Our Goals for Graduates:

Be professional mechanical engineers.

Be collaborative, innovative leaders.

Be proud graduates of CU Boulder.

Be contributors to society through your expertise.
Mechanical Engineering @ CU

Our Specialties Include:

- Air Quality
- Biomedical
- Materials Science
- Mechanics of Material
- Micro/Nanoscale
- Robotics and Systems Design
- Thermo Fluid Sciences
Student Expectations

• Instructors will communicate with students
  • Syllabus, website, email list

• Instructors are knowledgeable about the subject

• Instructors are prepared for class

• Faculty and Advisors hold regular office hours and respond to student needs and questions in a reasonable time
Instructor Expectations

• Be professional in your interactions with classmates and instructor

• Be prepared for class (readings, homework, lab reports)

• Create and support a learning environment
  • Expect to spend 2-3 hours outside class for every hour you are enrolled

• CHECK & READ your University of Colorado email
  • This is our official form of communication with you.
  • Construct fully articulated emails
  • Include full name and CU email address to respond to
Academic Success Strategies

• Start strong and stay on top of your work each week including all readings and practice problems

• Most professors award partial credit
  • Complete all assignments
  • Never leave exam questions blank

• Attend faculty office hours often

• Form networks of study mates

• ASK for help, we are here to support you!
CU Honor Code

- All coursework is conducted under the Honor Code
  - Penalties range from an F in the course to expulsion

- Take responsibility for your education
  - Learning to learn is your job
  - Employers expect you to have learned to be engineer

- Collaboration vs. Cheating:
  - Collaboration: communicating concepts
  - Cheating: using others’ work as your own

"On my honor, as a University of Colorado Boulder student, I have neither given nor received unauthorized assistance."
CU-Boulder Contacts:

• Problem with a professor? Feedback to:
  • Partnership Director: Tim Brower
  • CU Boulder Undergraduate Chair: Virginia Ferguson
  • ME Department Chair: Mike Hannigan

• Other issues: Petition form completed with Tim Brower goes to undergraduate committee for approval at CU-Boulder

• Questions about CU campus events that you wish to attend: Kim.goho@Colorado.edu
Other Advice:

• Bookmark the “Academic Calendar” and refer to it often
  • [http://www.colorado.edu/academics/academic-calendar](http://www.colorado.edu/academics/academic-calendar)
  • Know the term deadlines

• Contact Kim Goho if you want to be added to the CU MCEN listserv
  • MCEN-undergrad: Events, speakers, deadline reminders
  • MCEN-prof: professional opportunities, jobs, internships

• Don’t sell your books! You will use them as an engineer.

• Be safe, call everyone “Professor [last name]”
  • Some faculty are more serious about this than others

• Don’t be afraid to use CU campus resources- career services, summer research opportunities

• Come to graduation!