

MEP

Multicultural Engineering Program

Program Overview

The Multicultural Engineering Program (MEP) is an academic excellence community dedicated to the success of multicultural and first generation students historically underrepresented in engineering and applied science. In addition to program participation grants, the MEP offers a summer bridge program, a new student leadership course, academic excellence workshops, undergraduate research opportunities, advising, tutoring, internship and career placement assistance, and a student resource/study center.

Recruiting Dates	Year-round
Decision Date	June 1 st (for the Fall Semester)
Admission Criteria	Underrepresented Multicultural Students and First Generation Students <u>accepted and enrolled in the College of Engineering</u> MEP Application and Written Essay Participation Grant – Student agrees to participate in MEP retention activities No GPA Requirement for MEP
Feeder Programs	Success Institute (Summer Pre-College Program) Colorado MESA (Mathematics, Engineering, and Science Achievement) - middle through high school National Action Council for Minorities in Engineering (NACME) -Denver Public Schools -Boulder Valley Schools -St. Vrain Schools
Funding Sources/Amount:	College of Engineering/Office of Diversity/Corporate and Individual Donors/National Science Foundation. Total MEP Student Grant Award Funding exceeds \$120,000.
Individual Award Amount:	\$1000.00/year for incoming freshmen/transfers; the award is renewable based on MEP participation and academic performance/GPA (\$250-\$2500/year).
Additional Incentives:	5-week academic intensive Summer Bridge program for incoming freshmen; successful completion provides \$500 stipend and first-year's text books.

Program Support Activities:

Freshman Leadership Course: GEEN 1510 & 1520
Academic Excellence Workshops (1st Year)
One-on-One Tutoring and Advising
Resource and Study Center
Multicultural Career Fair
Awards Banquet

Leadership Activities:

Four Student Professional Societies:
-American Indian Science & Engineering Society (AISES)
-Mexican American Engineers & Scientists (MAES)
-National Society of Black Engineers (NSBE)
-Society of Hispanic Professional Engineers (SHPE)
Freshman Leadership Retreat
Gill Leadership Conference (SO, JR, SR)
Annual Awards Banquet
Volunteer in Recruitment & Retention Activities

Year by Year Components

- Year 1 Summer Bridge
Freshman Leadership Retreat
Freshman Leadership Course
Academic Excellence Workshops
One-on-One Tutoring
Study Center
Academic Intervention
- Year 2 Group Study Sessions
One-on-One Tutoring
Student Professional Societies Participation
Study Center
Academic Intervention
Undergraduate Research
Internship Assistance
- Year 3 Same as Year 2
- Year 4 Same as Year 2
Preparation for Graduate Study
Assistance with Job Placement

Summer Bridge Program

Program - 5-week program for 25-30 incoming freshmen (intensive academic residential program including calculus, chemistry, computing, engineering projects, physics, and writing). The program includes weekly tours of local industry.

Goal - is to prepare students for the rigor of the first-year-engineering curriculum through training in collaborative learning strategies. The program serves to create a strong bond among each entering freshman class.

Funding - Office of Diversity & Equity; Louis Stokes Colorado Alliance for Minority Participation (NSF)

Other Linked Programs

- Success Institute – 9th through 12th Grade Students: One week summer Institute offered in collaboration with the Integrated Teaching & Learning (ITL) Program to encourage greater numbers of underrepresented multicultural and first generation students to pursue studies/careers in engineering & technology. The Institute features “hands-on” team-based engineering experiments and design-build projects. Parents must attend a Saturday seminar to learn about admissions and financial aid procedures and additional education support services. CU MEP alumni actively participate in this program.
- CU Multicultural Career Fair – An evening program that provides opportunities for MEP students to interact individually with company representatives for internship and permanent placements.
- INROADS/Colorado, Inc. – A strong partnership between the University of Colorado at Boulder and INROADS provides MEP students with career development experience through successive summer internships with a wide selection of Colorado companies.

Fee for 1st Year Living

None. However, MEP encourages engineering freshmen to live in the residence halls Quadrangle (Aden, Brackett, Crosman, and Cockerell Halls) located near the Engineering Center. The residence halls charge an additional fee of \$130.00/year to Quadrangle residents.