

ENGINEERING 2020:

Vision for Excellence



Initiatives

Engineering 2020 outlines high goals for our college, including expanding our student body, faculty, staff, and research programs, enriching the educational experience of our students, and increasing the diversity and excellence of our students, faculty, and staff.

People

1. Increase undergraduate and graduate student enrollments, quality, and diversity.

Increase the size of our undergraduate student population by 15 percent, and our graduate student population by 20 percent by the year 2020, while increasing student quality, diversity, access, funding, and retention at all levels.

2. Promote faculty and staff excellence, diversity, and growth. Increase the size of our faculty and staff by 30 percent by the year 2020, while enhancing their quality, diversity, performance, and support to accommodate growth in student enrollment and reduce the student:faculty ratio.

3. Create and support a culture of diversity and engagement. Enhance diversity so that it is a hallmark of our college, to more broadly serve the state population and prepare our students for the global society.

Places

4. Construct engineering building additions and begin a new engineering complex.

Add 175,000 square feet of new building space, through four building projects, by the year 2013, and complete the first phase of a new engineering complex with at least 150,000 square feet by the year 2020.

5. Improve utilization of existing space. Improve the quality and capabilities of college laboratories and facilities for more effective use of current facilities and space.

Programs

6. Develop programs to advance engineering for global society. Make targeted investments in innovative research and educational programs that meet societal needs and transcend traditional academic and geographic boundaries, with objectives of creating an engineering-centered research institute and doubling our sponsored research by the year 2020.

7. Expand opportunities for integrated and discovery learning. Involve every undergraduate in hands-on learning and team-based design throughout the curriculum and in at least one extracurricular, personalized learning experience prior to graduation.

engineering.colorado.edu/engineering2020

Vision

Our vision is to be a world leader in engineering research and education, with an emphasis on integrated and discovery learning and on engineering for global society.

I hear ... I forget.

I see ... I remember.

I do ... I understand.

— Confucius, c 500 BC