



# *Engineering Center of Excellence*

The College of Engineering intends to disrupt the traditional engineering education model to address the skills gap between those acquired in engineering education and those needed in the workforce. By reimagining the traditional engineering education with the establishment of an Engineering Center of Excellence (ECoE), it will better prepare students for the workforce and find solutions to the problems of today, and tomorrow.

The establishment of ECoE will significantly boost and expedite the College's initiatives in producing future-ready, versatile engineers, and technologists sought after for their adeptness in critical thinking and innovative problem-solving. With ECoE's presence, the College's capacity to deliver a distinctive engineering education emphasizing innovation, leadership, and business acumen will be greatly enhanced, setting us apart from our counterparts.

ECoE will increase student's success and enhance their college experience. ECoE will empower its students to be leaders in the fields of engineering and technology, offering peer mentoring, tutoring, industry events and workshops, and undergraduate research as well as fostering student organizations. Students will gain a sense of belonging throughout their time at the College of Engineering and be successful in their endeavors.

As part of our commitment to engineering education, ECoE will provide the students with unique opportunities and will:

1. Implement and oversee a system for innovation, leadership, and management principles, integrated into the undergraduate program.
2. Focus on improving retention and student learning with peer-mentors and supplemental instruction.
3. Promote engineering and technology as a career.
4. Support workforce development by fostering academic and industrial partnerships, creating a dynamic networking environment and workforce development program.

ECoE, currently located in Madison Hall, will be housed in the cutting-edge collaborative engineering building. Groundbreaking is expected in March 2024 with completion in 2025. Here, innovation will take center stage. The first floor of the building will be dedicated to a state-of-the-art makerspace, providing students with the tools and resources to bring their engineering ideas to life. On the second floor, you'll find the collaboration center. This area will serve as a hub for engineering club rooms, providing a designated space for meetings and recruitment activities. Additionally, students can convene in the student lounge to enjoy each other's company and relax in a casual setting. It's a hub of creativity, fostering interdisciplinary collaboration and problem-solving.

On the third floor Bridge, the heart of ECoE, students can come to the bridge to learn and grow. Huddle rooms provide a space for collaborative discussions, tutoring rooms offer personalized academic support, and study rooms provide a quiet environment for focused learning.

Beyond its physical spaces, ECoE also hosts a range of activities and programs that enhance the college experience for engineering students. Those activities and programs include:

- ✓ Engineering Innovation Program
- ✓ Dean's Certificate for Leadership and Innovation
- ✓ State of the Art Engineering Makerspace (Part of the new engineering building, groundbreaking in Spring 2024)
- ✓ Engineering Supplemental Instruction (Peer Mentors)
- ✓ STEM Outreach-High School Summer Camp (promote engineering and engineering innovation)
- ✓ Freshman Camp (for all incoming freshman their first semester)
- ✓ UNIV 100 for Engineering
- ✓ Study Abroad Ambassador Scholarships
- ✓ Enhanced Mosing Student Career Development Program
- ✓ Industry Events and Workshops for Career-Readiness
- ✓ Increased support for Senior Design Projects
- ✓ Industry Partnership Program
- ✓ Continuing Engineering Education Program (CEEP)

The Engineering Center of Excellence at the University of Louisiana at Lafayette is not just a building; it's a catalyst for innovation, collaboration, and growth. Step into the future of engineering education and join us in the College of Engineering- where students connect, create, collaborate and solve tomorrow's challenges.

