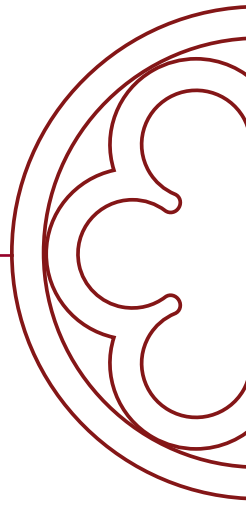




# ENGINEERING CATALYST PROGRAM



The Engineering Catalyst Program provides foundational skill-building support for first and second year students in the Gallogly College of Engineering. Through a dedicated learning community, students receive peer-to-peer learning opportunities, personalized academic support, and mentorship from program faculty, staff, and peer learning assistants. The program is designed to strengthen academic success, build confidence, and help students develop the skills and connections needed to successfully transition into OU Engineering and thrive throughout their college experience.

## BY THE NUMBERS

**40**

New students admitted to the Engineering Catalyst Program each year

**12:1**

Student-to-Faculty ratio in the Engineering Catalyst Program first-year coursework

**\$1500**

In scholarships go to each Engineering Catalyst student each of the 4 regular semesters enrolled in the programming

“ I was nervous about going to college away from home, but the Engineering Catalyst Program at OU was able to place me with like-minded individuals who were passionate about engineering and helping create a better future. As soon as I got to college, I had peers as well as professors who were ready to help me learn and succeed. Usually finding people, both students and faculty, to help consistently takes a few semesters.”

– *Kymanee Otaniyi, Biomedical Engineering, 2024/25 ECP FY Cohort*

“ I think when a lot of students, especially engineers, come into college, they kind of have to figure out on their own what it means to build good habits and study well. What’s special about Engineering Catalyst, though, is that they build those exact skills and insights directly into their curriculum, allowing students to try them and implement them in and out of class.”

– *Sophie Pettus, Mechanical Engineering, 2022/23 ECP FY Cohort & Catalyst PLA*

## CONTACT US

Felgar Hall, Rm. 222  
[www.ou.edu/coe/catalyst](http://www.ou.edu/coe/catalyst)

For general questions:  
[goengineering@ou.edu](mailto:goengineering@ou.edu)



Engineering Catalyst students gather at regular Community Events students during OU Engineering Days.



Catalyst scholars create a study plan for their upcoming math exam.



# ENGINEERING CATALYST PROGRAM

## THINGS TO KNOW

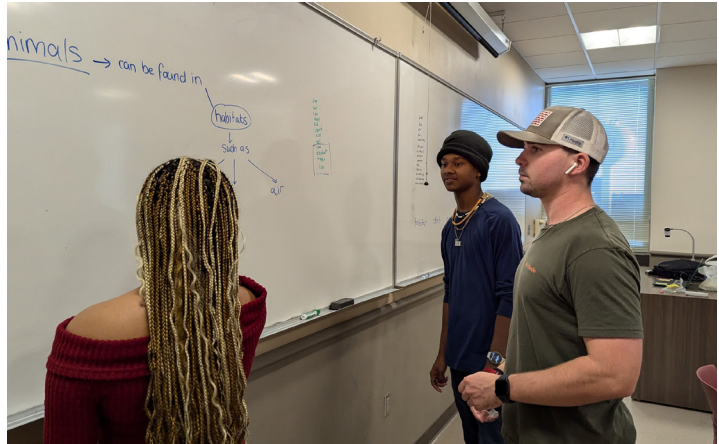
**1** Catalyst coursework focuses on problem-solving, connecting math to the students' fields of study, overall balance and study skills, early career development, and research skills required of a responsible engineer or scientist. This coursework is exclusively offered to Engineering Catalyst scholars.

**2** Students are assigned faculty, staff, and professional mentors based on their goals and immediate needs in their first semester. Mentors provide support ranging from academic success to career-building advice.

**3** The Engineering Catalyst PLAs are present for at least the first year of coursework to offer advice in math learning, navigating the OU Engineering community based on their first-hand experience, and educating by example when they come across common student struggles. PLAs are chosen only from the pool of students who are currently in or recently completed the Engineering Catalyst Program.

**4** Catalyst students receive above-and-beyond academic advising from engineering advising staff to ensure all aspects of a student's goals are addressed through enrollment, and any additional questions are addressed. Program faculty serve as an additional resource in weighing students' enrollment options between students' advising sessions.

**5** Engineering Catalyst students receive targeted weekly support from their Engineering Catalyst-focused faculty. This support may include navigating academic challenges, such as math exams or time management struggles. This may also include finding and implementing other resources and success strategies.



Three Engineering Catalyst students work together to practice new study techniques.



Engineering Catalyst students develop interview skills with structured mock-interview practice.