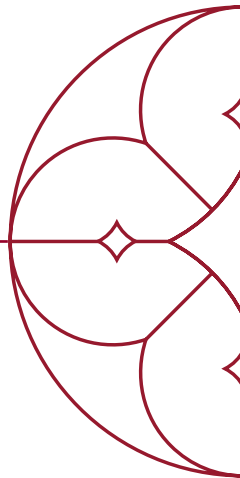




# ENGINEERING CATALYST PROGRAM



The Engineering Catalyst Program supports first- and second-year students in the Gallogly College of Engineering by building essential academic and professional skills. Catalyst Scholars join a dedicated learning community through exclusive courses, co-curricular programming, and peer-led learning experiences. Each student receives personalized support from faculty, staff, and peer learning assistants to facilitate each student's successful transition to OU Engineering.

## BY THE NUMBERS

**40**

New students admitted to the Engineering Catalyst Program each year

**10:1**

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

**\$1500**

In scholarships to each Engineering Catalyst student each semester enrolled in the program

“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

“The amount of support that comes from the Engineering Catalyst community is so perfect. I felt like I was being guided through the transition from high school to college, but I didn't feel like I was being coddled.”

— Kymanee Otaniyi, Biomedical Engineering, 2024/25 ECP FY Cohort

## CONTACT US

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



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



# ENGINEERING CATALYST PROGRAM

## THINGS TO KNOW

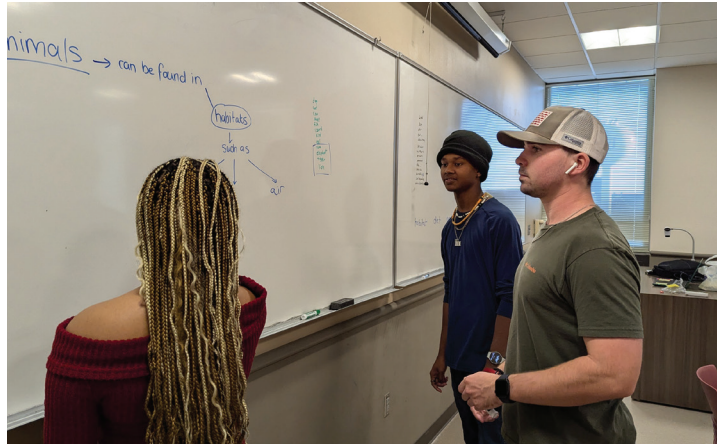
**1** Catalyst coursework focuses on problem-solving, connecting math to the students' fields of study, overall balance and study skills, early career development, and research skills required of a responsible engineer or scientist. This coursework is exclusively offered to Engineering Catalyst scholars.

**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 GCoE's 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 an Engineering Catalyst-focused advisor during their first year of coursework in addition to the university-required advising appointments. These additional appointments are structured to ensure all aspects of a student's goals are addressed through enrollment, and any additional questions are addressed.

**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 the use of 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.