

Find Your CEAT Major

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. The work graduates perform will vary depending on the company and industry in which they work. The College of Engineering, Architecture and Technology proudly provides accredited degrees for all undergraduate degree programs, allowing our faculty and students to lead the way in design, technology and innovation.

AEROSPACE ENGINEERING

Description: The study of anything traveling through or working in a fluid or gas

Focus Areas

- Dual Degree with Mechanical Engineering

ARCHITECTURE

Description: The study of the function, design and construction of the sustainable built environment

Focus Areas

Five-year NAAB-accredited program

ARCHITECTURAL ENGINEERING

Description: The study of engineered systems in architecture with a background of applied engineering principles

Focus Areas

- Construction Project Management
- Structures

CHEMICAL ENGINEERING

Description: The study of processes to produce, transform, separate and transport materials

Focus Areas

- Pre-Medical
- Biomedical

CIVIL ENGINEERING

Description: The study of infrastructure and the environment it affects

Focus Areas

- Environmental Engineering

COMPUTER ENGINEERING

Description: The study of hardware-software integration and hardware design with foundations in computer science and electrical engineering

Focus Areas

- Dual Degree with Electrical Engineering
- 4+1 accelerated Master's program
- Software Engineering

CONSTRUCTION ENGINEERING TECHNOLOGY

Description: The study of managing and supervising construction projects

Focus Areas

- Building (vertical focus)
- Heavy (highway or horizontal focus)

ELECTRICAL ENGINEERING

Description: The study of devices and systems which use electricity, electronics and electromagnetism

Focus Areas

- Dual Degree with Computer Engineering
- 4+1 accelerated Master's Program

ELECTRICAL ENGINEERING TECHNOLOGY

Description: The applied study of electrical devices, systems and the design and operation of computers

Focus Areas

- Computer

FIRE PROTECTION & SAFETY ENGINEERING TECHNOLOGY

Description: The study of reducing loss potential with respect to fire, safety and risk management

INDUSTRIAL ENGINEERING & MANAGEMENT

Description: The study of designing and improving processes that are effective, efficient and safe

Focus Areas

- 4+1 accelerated MBA
- 4+1 accelerated Masters

MECHANICAL ENGINEERING

Description: The study of dynamic systems, heat transfer, design of machines and materials

Focus Areas

- Dual Degree with Aerospace Engineering
- Pre-Medical
- Petroleum

MECHANICAL ENGINEERING TECHNOLOGY

Description: The applied study of mechanical design, mechanical power and manufacturing

CEAT Admissions

Freshman Assured CEAT Admission

Freshman Assured CEAT Admission
Students who have an ACT/SAT test score submitted to OSU will qualify for assured CEAT freshman admission if they meet the composite ACT/SAT requirement AND one of the two other criteria:

24+ Composite ACT
24+ Math ACT
3.5 15-unit core GPA

Students who have been unable to take the ACT/SAT due to COVID-19 will qualify for assured CEAT freshman admission with a minimum 3.5 15-unit core GPA.



Transfer Assured CEAT Admission

Transfer students admitted to OSU will be admitted directly into a CEAT degree program by meeting the following requirements: 2.5+ College Cumulative GPA and be qualified to enroll in Calculus 1 or higher in the math sequence.

Pre-CEAT to CEAT

Students admitted to the university with an ACT or GPA below the assured CEAT requirements will join the Pre-CEAT program where they will be advised in University College and prepared to transition into CEAT successfully.

Transition Requirements:

Calculus ready and acquire a *2.0+ OSU Cumulative GPA

* excluding incomplete, passing grades (ex: "P" or "S"), or remedial/developmental, repeated/forgiven credit and activity courses.



Admission Application Documents

- Completed OSU admission application
- \$40 nonrefundable application fee or a waiver
- Official high school transcript
- Test scores if an ACT/SAT has been taken
- For full scholarship consideration you must also complete the leadership and involvement resume portion of the OSU admissions application

Daily CEAT Tours

Sign up for a tour at admissions.okstate.edu/visit. Choose your desired CEAT major then check the box next to "Academic College Appointment" to sign up for a CEAT tour.

Connect with us

CEAT Office of Undergraduate Recruitment and Scholarship Programs (URSP)

405.744.5279

ceat.recruitment@okstate.edu

ceat.okstate.edu/ursp



COLLEGE OF
**ENGINEERING, ARCHITECTURE
AND TECHNOLOGY**



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OSU_CEAT

Join the College of Engineering, Architecture and Technology at OSU!



ABOUT US

The College of Engineering, Architecture and Technology (CEAT) is dedicated to educating and producing engineers, architects and technologists that create solutions to challenges that affect our communities, nation and world. CEAT provides 14 accredited programs that foster hands-on learning, diversity of thought and interdisciplinary teamwork.

Why Choose us?

1. Learn from award-winning faculty

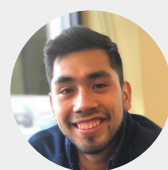
Our nationally recognized faculty engage students in more than \$21 million in research annually where undergraduates can be involved with the research as early as their freshman year. Faculty also take pride in personally teaching nearly every class in the college.

2. Access to state-of-the-art facilities

ENDEAVOR, AIA-award winning Architecture building, renovated classrooms, Student Excellence Center and now - OSU Discovery. CEAT has created premier facilities where students can receive hands-on instruction, access to industry standard equipment and engage with leading companies. Here, if you can dream it, you can create it!

3. Make a difference in the world

CEAT offers students the opportunity to solve grand challenges, introduce STEAM to younger generations, find their passion through academic, social and honor organizations and improve diversity, equality and inclusion. Here, students find many ways to make a difference in the world.



"OSU CEAT is a place of diversity and inclusion. Not only does the institution invite you to the ball, but it goes above and beyond by asking you to dance as well. It truly feels like home."

Armando Covarrubias - Mechanical Engineering



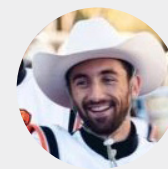
"I love CEAT not only because of the amazing professors and outstanding CEAT Scholars program, but I also love the tight-knit community that comes with our college. The friendships I've made in CEAT are friends that I will have for a lifetime and I am so thankful for these driven, like-minded people I am surrounded with every day!"

Rylie Farr - Chemical Engineering



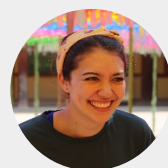
"I enjoy the challenge of the engineering degree, and the support from CEAT Student Services and faculty help make the stress manageable. I believe attending CEAT is helping me construct an exciting and fruitful future."

Robert Owens - Electrical Engineering



"OSU and CEAT have provided me with amazing experiences, from being part of the marching band to being involved in Undergraduate Research. The most important thing I've learned is the value of people and networking. I didn't know it then, but the professor I do research with now, I actually connected with during my CEAT Scholar Interview."

Sammy Willhoite - Mechanical Engineering



"CEAT has transformed me as a person throughout my time at OSU. It has given me opportunities to step outside of my comfort zone and gain a new perspective on the world and on my role in it. I have developed a new confidence in myself and in my abilities, and I now know I will be able to go forward and confront the world head-on, rather than sitting on the sidelines."

Erin Yen - Architecture



The combination of the hands-on curriculum of Electrical Engineering Technology (EET) with the access to advanced equipment in ENDEAVOR has allowed me to take the theory from class and translate it to real life applications. ENDEAVOR allows for students to really expand their knowledge by working on hands-on projects with other CEAT students."

Jordan Fogg - Electrical Engineering Technology

Scholarships

PROGRAM	REQUIREMENTS	CEAT SCHOLARSHIP VALUE *	DESCRIPTION	DEADLINE
CEAT SCHOLARS PROGRAM	3.9 GPA (unweighted) or 3.5+ GPA and 31+ ACT/SAT, complete short answer leadership question and interview with CEAT faculty	\$15,000 4 yr total package	4 yr. award with \$3,000 annual scholarship, paid enrichment and travel. Up to 100 selected annually. Qualified for OSU assured awards.	Feb. 1
W.W. ALLEN SCHOLARS PROGRAM	32 ACT or 1420 SAT 3.75 GPA (unweighted), Demonstrated leadership, majoring in engineering, complete additional essay questions on the student application portal and interview	\$105,000 4 yr total package	4 yr. award with \$8,500 annual scholarship, paid enrichment and travel + Full tuition and housing for a Master of Philosophy at the University of Cambridge in the UK. 2 selected annually. Qualified for OSU assured awards.	Dec. 1 Must complete 5 additional essays on OSU application portal
BOYS & GIRLS CLUB SCHOLARS PROGRAM	3.25 GPA (unweighted), Active Boys and Girls Club member and/or volunteer, demonstrated leadership. Must submit additional essay questions on the student application portal and interview	\$64,000 4 yr total package	4 yr. award with \$15,000 annual scholarship, paid enrichment and travel. Only 1 selected each year. Qualified for OSU assured awards.	Feb. 1
STEM SCHOLARSHIP	3.25 GPA (unweighted) Involvement in STEM Academy, PLTW, or Pre-Engineering courses, majoring in engineering. Must submit a letter of recommendation on the student application portal	\$10,000 4 yr total package	4 yr. award starting at \$1,000 and increasing by \$1,000 each year, totaling \$10,000. Up to 15 selected annually. Qualified for OSU assured awards.	Feb. 1
FIRST ROBOTICS	3.25 GPA (unweighted), involvement in FIRST Robotics, majoring in engineering and must submit a letter of recommendation on the student application portal	\$1,000	One year scholarship available to 20 freshman recipients each year. Qualified for OSU assured award	Feb. 1
FRESHMAN RESEARCH SCHOLARS	3.5 GPA (unweighted), motivated, intellectually curious and have a strong work ethic. Submit additional information on the student application portal	\$1,000	OSU & CEAT partnered scholarship providing 24 CEAT freshmen the opportunity to engage in cutting-edge research under the guidance of faculty researchers. Qualified for OSU assured awards.	Feb. 1
NACME SUMMER BRIDGE SCHOLARS	24 ACT or 1160 SAT 3.0 GPA (unweighted), identify as an underrepresented minority, majoring in engineering and attend CEAT Summer Bridge	\$1,000	Freshman scholarship with the potential to be renewed up to 4 yrs. with acceptance into the NACME Scholars Program which increases the award to \$2,500 annually, 5 new awards annually. Qualified for OSU assured awards	Feb. 1
ACADEMIC COLLEGE SCHOLARSHIPS	Based on major indicated on OSU Admission Application, selection may be based on test scores, GPA, leadership and community service	Varied by CEAT & Departments	Value & terms vary by donor criteria. Over 200 incoming freshman selected each year	Feb. 1

*All CEAT scholarships are competitive & can stack with all OSU assured awards.
** OSU assured awards are guaranteed partial tuition waivers given by the University. Visit go.okstate.edu/scholarships-financial-aid to verify requirements.

Undergraduate <i>in-state</i> estimated direct costs for 2021-2022	Tuition & Fees \$13,280	Room & Board \$9,340	Books & Supplies \$1,140
Undergraduate <i>out-of-state</i> estimated direct costs for 2021-2022	Tuition & Fees \$28,800	Room & Board \$9,340	Books & Supplies \$1,140
Undergraduate <i>international</i> estimated direct costs for 2021-2022	Tuition & Fees \$28,800	Room & Board \$9,340	Books & Supplies \$1,140

*These estimates are based on 30 credit hours per year. Actual cost may vary.

Top **10** best value engineering college
bestvalueschools.com

60 CEAT student organizations including nine diversity programs & 12 competition teams

\$3M in CEAT scholarships awarded

Fast Facts

Average CEAT scholarship:
\$2,230

#1 Public engineering college in Oklahoma
US News & World Report

ENDEAVOR

The nation's premier undergraduate multidisciplinary lab and innovation hub

Summer Bridge

Prepare for success

Transition from high school to the academic rigors of OSU coursework by applying to attend CEAT Summer Bridge, an 18-day residential, on campus, preparatory program focusing on academic review, mock exams, orientation seminars and engineering design projects. Participation allows students to potentially receive additional scholarships based on performance. Apply by February 1. Discover more at summerbridge.okstate.edu.

Parker Hall

Enrich your life

Take advantage of our dedicated Living Learning Program (LLP) in Parker Hall. The recently renovated residence hall features traditional style living with specialized services and programs designed to connect engineering, architecture, and technology students with like-minded peers and upper-class mentors. LLP applications open December 1. Housing applications open February 1. Discover more at reslife.okstate.edu.

Study Abroad

Expand your horizons

CEAT values a global education and offers short-term CEAT faculty-led study abroad courses, international service through Engineers without Borders and long-term study abroad opportunities. Visit Japan, China, Germany, France, Italy, Guatemala and more. CEAT makes global travel affordable and attainable by providing study abroad scholarships. The options to expand your horizons are truly endless! Discover more at ceatstudyabroad.okstate.edu.