



College of Engineering

SELF-GUIDED ENGINEERING TOUR



Take a self-guided tour of the College of Engineering and get a feel for the place firsthand. Walk the brick buildings (from historic to most-modern), wander some hallways, check out the labs, and see where you can join renowned faculty and industry experts tackling some of the world's most pressing engineering problems.

See the campus, get a sense for the community, and know you've found your home here.

We're excited to welcome you into the #ENGRCat family!

1 OLD ENGINEERING

Systems, Industrial, Integrated Business & Engineering, and **Information & Intelligence Operations** majors find their home here. Academic Affairs is also in the building, so you'll be coming in for engineering information sessions, advising, forms, and random adulting tasks. Feels old-school in the best way.

ENGINEERING INSIDE: Check out the Cyber-Physical Manufacturing (CyPhyMan) Systems Lab in Room 124, where they're spearheading research to merge AI, advanced manufacturing and cyber-physical systems to build intelligent, secure and autonomous factories.

2 HARSHBARGER/MINES

If it digs, melts, filters, or reacts, it lives here. **Mining, Materials Science, Environmental**, and **Chemical** engineering students spend half their lives in these halls. Expect labs, weird-looking rocks, and the occasional chemical smell that's "totally fine."

3 CIVIL ENGINEERING

Welcome to the land of bridges, buildings, and spreadsheets. **Civil** and **Architectural** Engineering students camp out here solving real-world infrastructure problems. It's practical, grounded, and full of models that look like LEGO sets for grown-ups.

4 ELECTRICAL & COMPUTER ENGINEERING

Circuits, robots, software, and enough computing power to fry your brain. Here you'll find home for the majors of **Electrical & Computer, Software**, and **Computer Science & Engineering**. If you like wires, code, or debugging at 2 a.m., this is your zone.

ENGINEERING INSIDE: Accessed from the south side of the building, peek inside the windows of Room 213 to see the 2026 renovated Micro/Nano Fabrication Center, a cleanroom facility for semiconductor, chip, and micro/nano-electronics research and manufacturing. It's UA's gateway to real-world chip fabrication, research and hands-on experience.

5 AEROSPACE & MECHANICAL ENGINEERING

Jets, rockets, engines, and a whole lot of math. **Aerospace** and **Mechanical** majors spend countless hours here building things that move fast or move precisely. It's where you learn to make physics your problem.

ENGINEERING INSIDE: Take a look at the Salter Lab facing the building's interior courtyard where students get to invent, build, and test actual biomedical devices using equipment usually reserved for top-tier research labs.

6 ADVANCED RESEARCH BUILDING

Peek inside the ARB where big ideas get real. It's packed with cutting-edge labs, top-tier faculty, and plenty of opportunities for all undergrads to jump into legit research—no waiting for junior year. If you want hands-on projects, metal 3D printers, cool tech, and résumé gold, this is your building. Total engineering playground.

6+ HEALTH SCIENCES INNOVATION BLDG

Look two blocks northeast to the tallest building with tilted solar panels — the HSIB, home of **Biomedical Engineering**. Think med-tech, biomechanics, and cutting-edge labs. If blending engineering with human health excites you, you belong here.

7 ENGINEERING DESIGN CENTER

Your playground for building real stuff. Students and teams prototype, solder, machine, test, and fix whatever breaks (which can be...everything). Capstones, clubs, and hands-on projects all flow through this maker space. Bring ideas; leave with something that works—hopefully!

8 MEINEL OPTICAL SCIENCES & ENGINEERING

Lasers. Optics. More lasers. **Optical Sciences & Engineering** students learn how to bend light, build imaging systems, and casually talk about photonics and quantum computing like it's normal. Nerd paradise with great views.

ENGINEERING INSIDE: Visit the John E. Greivenkamp Museum of Optics on the ground floor, where optics isn't just science, it's history, art and inspiration all rolled into one.

9 GRAND CHALLENGES RESEARCH BLDG

The Grand Challenges Research Building is an interdisciplinary hub where research tackles real-world problems. For **Materials Science & Engineering**, this includes work tied to New Frontiers of Sound, exploring how sound and vibration interact with materials—advancing sensing, performance, and next-generation technologies.

10 SCIENCE AND ENGINEERING LIBRARY

Engineering students have a dedicated Science and Engineering Library built for how they learn and collaborate. Reserve quiet study rooms or sound-proofed group spaces for problem-solving and team projects. Part of the Student Success District, alongside the UofA Main Library, it's also home to the CATalyst Studios—featuring a Data Studio, VR/AR lab, podcast room, and hands-on tools like 3D printers and laser cutters.

10+ SHANTZ

Looking south, if you can see through the trees, past the rose garden behind Forbes and down to Shantz, you'll glimpse where engineering meets agriculture and the environment. **Biosystems Engineering** students tackle food, water, energy, and sustainability challenges. Expect green tech, sensors, and projects that actually make the world less of a mess.

11 UA STUDENT UNION & CAMPUS STORE

Finish up this engineering tour at the Student Union - your pit stop for gear, food, and sanity. The bookstore's where you grab engineering merch, supplies, and that calculator you'll swear you don't need until you do. With study spots, coffee, quick eats, and club hangouts, it's the building that quietly keeps your engineering life running!

NEED MORE INFORMATION?

engineering.arizona.edu/admissions

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