

CAREER-READY MAP | ENGINEERING & CONSTRUCTION SCIENCE



Use this map to plan and integrate your academic and cocurricular experiences during your time at UTSA.

MAJORS BIOMEDICAL ENGINEERING | CHEMICAL ENGINEERING | CIVIL ENGINEERING | COMPUTER ENGINEERING | CONSTRUCTION SCIENCE AND MANAGEMENT
ELECTRICAL ENGINEERING | MECHANICAL ENGINEERING

THE UTSA STUDENT EXPERIENCE



- » Review [What Can I Do With This Major](#)
- » Attend UTSA [Career expos](#) to learn about companies
- » Attend [WIN Wednesday](#) and Thrive Thursday events
- » Apply for [Citymester](#) for valuable career skills



- » Join academic, social, or service [student organization\(s\)](#)
- » Become a [Najim Strategist](#)
- » Conduct [informational interviews](#) with upperclassmen in interesting majors
- » Go to [CAREER-A-PALUTSA](#)
- » Attend Tech Symposium



- » Create Handshake Profile to find work-study/non-work study positions
- » Join coding workshop Blackboard Courses
- » Download relevant softwares (AutoCAD, C++, etc)



- » Attend workshops for [marketable skills](#)
- » Attend Diversity in the Workplace series
- » Attend student organization professional workshops
- » Develop [Entrepreneurial mindset](#)

FIRST YEAR

MIDDLE YEARS

LAST YEAR

- » Attend a UTSA [Career Expo](#) to look for an internship
- » Engage in [undergraduate research](#) opportunities
- » Create LinkedIn and Indeed Profiles
- » Attend Construction Science Management (CSM) Career Fair to look for internship
- » Apply for an [internship](#)
- » Apply for [Archer Fellowship Program](#) to intern in Washington D.C.
- » Apply for the [Students + Start-ups Program](#)

- » Conduct [informational interview\(s\)](#) with alumni in [Roadrunner Network](#)
- » Apply for leadership roles in [student organizations](#)
- » Attend company site visits
- » Apply for Ambassador Program
- » Enhance your experiential learning by joining the Honors College (requirements [here](#))

- » Utilize [VMock](#) to improve your resume
- » Utilize [VMock](#) for elevator pitch/interview
- » Utilize [VMock](#) to evaluate LinkedIn profile
- » [Adobe Creative Skills Series](#) for added credentials

- » Attend [career workshops](#)
- » Enter [Civic and Social Experience \(C.A.S.E.\) Challenge](#)
- » Create a [LinkedIn](#) profile
- » Apply to be a Tutor
- » Apply to [Nationally Competitive Awards and Scholarships](#)

- » Review [Industry Reports](#) for career outcome data
- » Review [SeekUT](#) for salary data
- » Attend in-person and virtual [career expos](#) to search for full-time job
- » Attend Construction Science Management (CSM) Career Fair to search for full-time job

- » Apply to join the [UCC Student Advisory Board](#)
- » Attend [CAREER-A-PALUTSA](#) in Spring
- » Lead on major collaborative events (e.g., Engineering Week, BBQ, Pumpkin Smash)
- » Apply for [Global Summer Institute](#)

- » Update [LinkedIn](#) profile for job search
- » Utilize [VMock](#) to update resume for job search
- » Utilize [LinkedIn Learning](#) to upskill
- » Practice interview on [Interviewing.com](#)

- » Take the lead in a group project
- » Enter [Big Rowdy Idea](#) Pitch Competition
- » Enter the [Roadrunner Experience Showcase](#)

Academic Success Checklist

- Attend tutoring
- Attend coding workshops
- FE Exam Review Sessions
- TA & Faculty Office Hours
- Student org. tutoring and study hours

Career Development Checklist

- Take [Career Assessment](#)
- Professional headshot in [Iris Booth](#)
- Create [Handshake](#) profile
- Create a [Roadrunner Network](#) profile
- Upload resume into [VMock](#)
- Create [Roadrunner Career Navigator](#) profile
- Explore [RowdyLink](#) to discover events, programs, and organizations on campus
- Fulfill Klesse College [Signature Experience](#) requirement

CAREER INFORMATION

What [marketable skills](#) do employers want?

- Career & Self Development
- Communication
- Critical Thinking
- Leadership
- Professionalism
- Teamwork
- Technology

What careers can I pursue?*

- [Biomedical Engineering](#)
- [Chemical Engineering](#)
- [Civil Engineering](#)
- [Computer Engineering](#)
- [Construction Management](#)
- [Electrical Engineering](#)
- [Mechanical Engineering](#)

NOTE: Resources are in a recommended time frame but can be used throughout your college journey

* If considering a career in the health professions field, visit the [Health Professions Office](#); if considering a career in the legal field, visit the [Institute for Law and Public Affairs](#)