Engineering & Technology Milestones

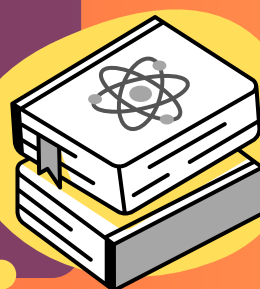*"A new idea must not be judged by its immediate results."* – Nikola Tesla

Exploration

People who pursue careers in engineering and technology want to understand how things work and most importantly, how to make them work better. There are many different options in the field of engineering and technology. The information below will help you explore your options and how you can make the most out of your time at UC Riverside.

Year 1: Transition to New Territory

- Take an assessment through the UCR Career Center
- Meet with your BCOE advisor to review your course plan
- Review your University Honors requirements for first-years
- Join a club or organization and volunteer on a committee
- Review and explore different careers in engineering and tech
- Meet with a BCOE Career Specialist

Year 2: Try New Experiences

- Review and apply for scholarships and awards
- Apply for an opportunity to work in an engineering lab
- Consider applying for a leadership position
- Attend resume writing and internship workshops
- Setup a profile on Handshake and LinkedIn
- Attend a career or internship fair
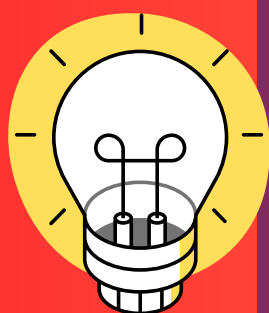- Consider experiential opportunities such as an internship

Year 3: Breaking the Comfort Zone

- Explore graduate programs and their requirements to apply
- Stand out by leading a project or event within an organization
- Take an upper-division course that will challenge you
- Explore how you can connect your Honors capstone to your career
- Conduct an informational interview with an engineering professional
- Consider joining a engineering fraternity or another networking group

Year 4: Your Time to Shine

- Meet with your advisor to make sure you are on track to graduate
- Complete Honors requirements including your capstone project
- Meet with Career Specialist to update resume and online profiles
- Complete a mock interview with a staff member or mentor
- Consider participation in an engineering competition or Hackathon
- Attend career fairs offered by the UCR Career Center

Capstone Project Idea

Explore the key differences between gas and electric vehicles. This can include, pricing, vehicle safety, access to resources, and the impact on the environment. You can do a comprehensive comparison between the two types of vehicles and the implication for future environmental, social, and economical impact.

Engineering Capstone Example:
https://escholarship.org/uc/item/32k1s8nb