Powering electrical engineering innovation

Electrical engineers are at the forefront of innovation, designing systems that impact everything from renewable energy and health care to aerospace and microelectronics.

In the **School of Electrical, Computer and Energy Engineering,** part of the Ira A. Fulton Schools of Engineering at Arizona State University, our efforts align with national and international momentum to address worldwide challenges in communications and computing technology, including artificial intelligence and quantum computation, renewable energy, health care technology and delivery, sustainable development and economic growth and global security.

Students participate in faculty-led research opportunities like the Fulton Undergraduate Research Initiative, or FURI, industry-sponsored initiatives and hands-on lab learning that connects classroom experiences to real-world practice. With instruction from award-winning faculty, access to state-of-the-art labs, guidance on internships and entrepreneurship programs, future graduates are equipped with the resources and experience critical to future success.

> **Whether you aspire to develop new innovations in the semiconductor space, advance control systems for autonomous vehicles or design tools that modernize power grids, electrify your passions at ASU.**

Undergraduate degree programs
Electrical engineering, BSE
Electrical engineering (electric power and energy systems), BSE

Career outcomes	Median annual salary
Aerospace engineer	$134,830
Computer hardware engineer	$155,000
Electrical engineer	$111,910
Energy engineer	$117,750
Nuclear engineer	$127,520
Radio frequency identification device specialist	$127, 590
Solar energy systems engineer	$117,750
Telecommunications engineering specialist	$130,390
Wind energy engineer	$117,750

*Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

ASU Ira A. Fulton Schools of Engineering
Arizona State University

School of Electrical, Computer and Energy Engineering

Reserve your spot in the incoming class!

Industry partnerships

At the School of Electrical, Computer and Energy Engineering, industry partnerships provide hands-on innovation, real-world challenges, expert mentorship, and exciting pathways to impactful engineering careers.

Research opportunities

Our research areas reflect the diversity of the electrical engineering profession and our faculty's expertise, ranging from nanoelectronics to the design and control of the U.S. power grid.

Students have the opportunity to engage in year-round, meaningful research that addresses real-world challenges in state-of-the-art facilities, such as the ASU NanoFab microelectronics fabrication space on the Arizona State University Tempe campus and the MacroTechnology Works facility, a former semiconductor plant converted to lab space.

Companies hiring our graduates

- Amazon
- APS
- Apple
- General Dynamics
- Google
- Honeywell
- Intel
- NVIDIA
- Sandia National Laboratories
- SRP
- TSMC

Having the opportunity to serve as a lab and class teaching assistant for EEE 120 Digital Design Fundamentals helped me build the foundational skills I use daily as a digital design engineer. Teaching the material reinforced my understanding of core concepts and strengthened both my technical abilities and my ability to clearly explain complex ideas."

Karla Cosio
'22 BSE in electrical engineering; '23 MSE in electrical engineering

Be open to exploring interdisciplinary classes and opportunities. Being exposed to other fields helps in your own discipline, improves collaboration with others, and may even give insight into something else you want to pursue."

Joshua Kim
Nuclear power school instructor, Naval Officer in the United States Navy
'24 BSE in electrical engineering

Join in. Stand out.

Whether you are looking for a new social outlet or want to get a jump on your career, **student organizations** will enrich your academic experience. Here are just a few student orgs you can get involved in:

- Institute of Electrical and Electronics Engineers
- Eta Kappa Nu International Honor Society for Electrical Engineers
- Quantum Club
- Society of Women Engineers
- Sun Devil Satellite Laboratory

Scan here to learn more about your school!

School of Electrical, Computer and Energy Engineering
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