



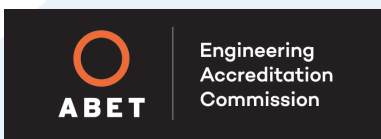
Central to Transformational Energy Solutions.

Central's BS in Electrical Engineering offers students the opportunity to build knowledge and skill in traditional applications of electrical engineering, as well as innovative applications in emerging fields.

The curriculum includes courses and laboratories in both traditional electrical engineering and emerging fields such as renewable energy, energy storage, and electric vehicles, etc. The program emphasizes undergraduate education through quality instruction with a strong focus on analysis and design.

Program Features

- Program emphasizes analysis and design and is supported by hands-on experiential learning
- All-new cutting-edge facilities and laboratories in electrical and renewable energy
- Small class sizes enable close interaction with instructors
- Format for most classes is lecture and lab taught by the same professor, not by a graduate assistant
- Strong New England region industry support
- Program supported by quality curriculum with lowest in-state tuition of Connecticut's four-year institutions
- Curriculum designed to align with the renowned ABET accreditation criteria (Engineering Accreditation Commission of ABET)
- Financial aid and scholarships available
- Free on-campus child care available



The Electrical Engineering program is pursuing accreditation from the Engineering Accreditation Commission (EAC) of ABET.



Career Preparation

Electrical Engineers are needed by nearly all major industries including aerospace, computers, electronics, automotive, power, communications, medical, chemical, nuclear, etc.

Career opportunities span industrial tasks, design, development, manufacturing, marketing, operation, research, engineering service, test, and maintenance of complex electronic and electrical devices. Employers can be government, industry, organization, and retail. Plenty of graduate study opportunities in Electrical Engineering also exist.

DID YOU KNOW?

Our Electrical Engineering graduates have a long-term advantage considering that the United States is working to transform to a net-zero carbon economy by 2050. "41% of all energy jobs last year were oriented towards that goal. The jobs are growing in industries, we need to support a 100% clean power sector, like energy efficiency, transportation and storage.

- Jennifer Granholm
United States Secretary of Energy, 2022

 In our department, you will always find a program that matches your background and interest. Our systematically organized engineering, engineering technology, and technology programs in closely related discipline fields are designed with flexibility for the benefits of students

- Dr. Shuju Wu, Department Chair



Clubs

Institute of Electrical & Electronics Engineers acts as a platform for students to gain knowledge and experience, as well as gain further qualifications. The club acts as an easily accessible introduction to the fields of electronics, automation, programming, and more.

Central's **Society of Women Engineers (SWE)** empowers and supports women through innovative programs that provide technical and leadership experience in open and encouraging environments.

National Society of Black Engineers (NSBE) recruits, retains, and motivates engineering students of color at Central. NBSE implements programs that promote academic excellence, personal growth, and career development as it seeks to increase the number of professionals committed to community development and prepared to successfully compete in technical surroundings.



PROGRAM WEBSITE

ABOUT CENTRAL:

Central Connecticut State University is the largest university within the Connecticut State Colleges and Universities system. Founded in 1849, Central is also the state's oldest publicly funded university. Our campus is located in New Britain, Connecticut. Central is accredited by the New England Commission of Higher Education (NECHE).

