



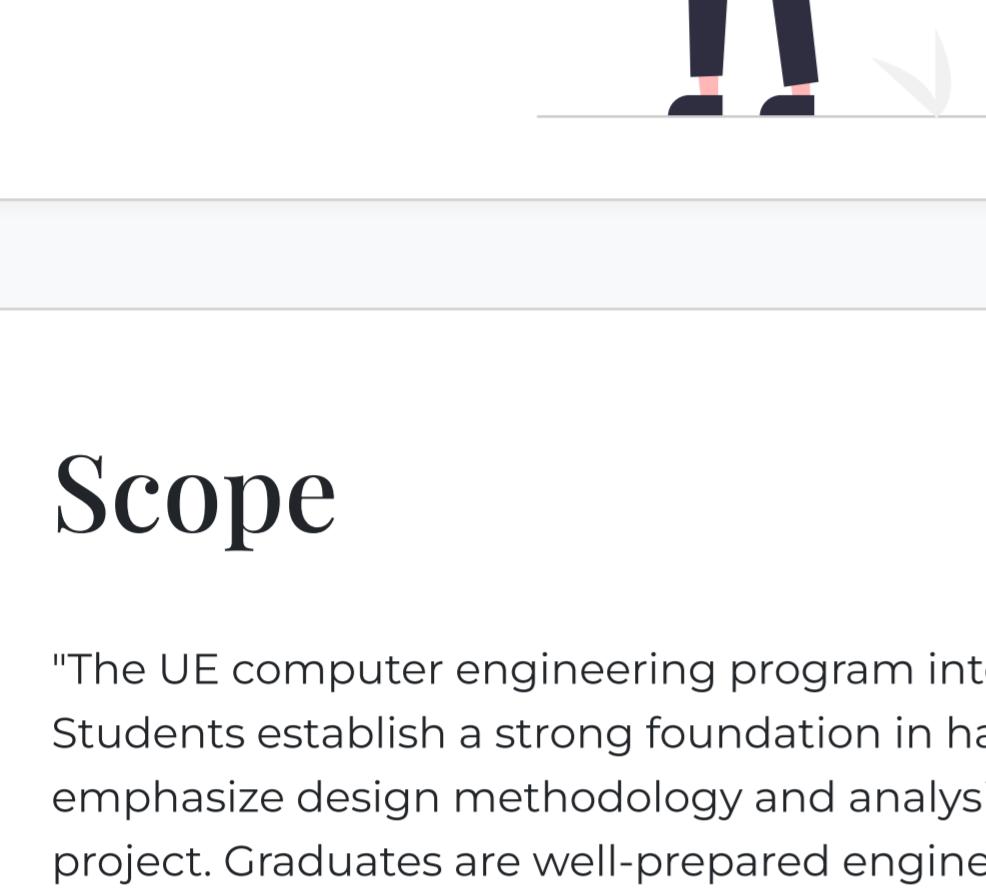
Computer Engineering

University of the East

"Empowering innovation, one line of code at a time."



What is Bs CpE?

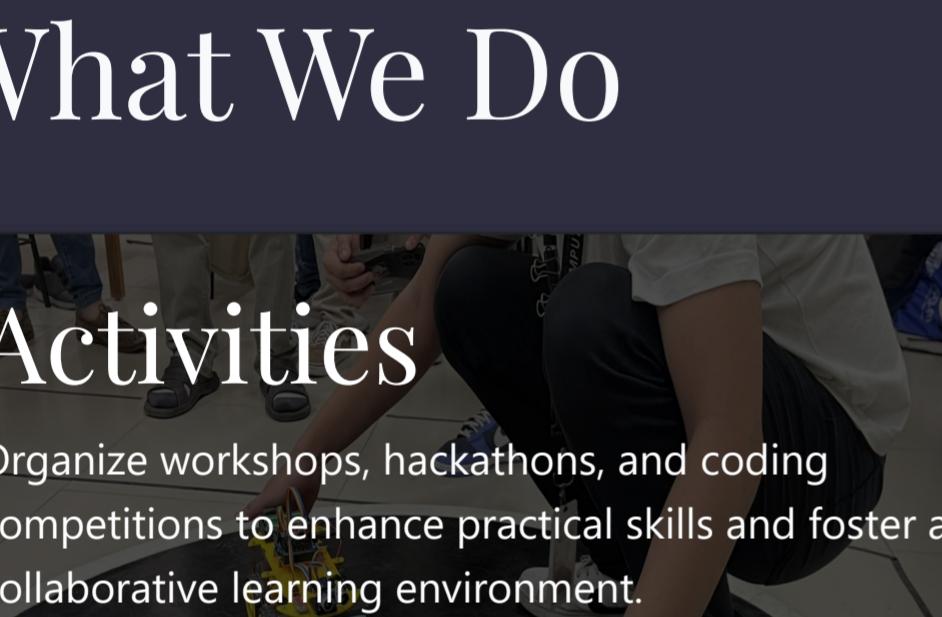
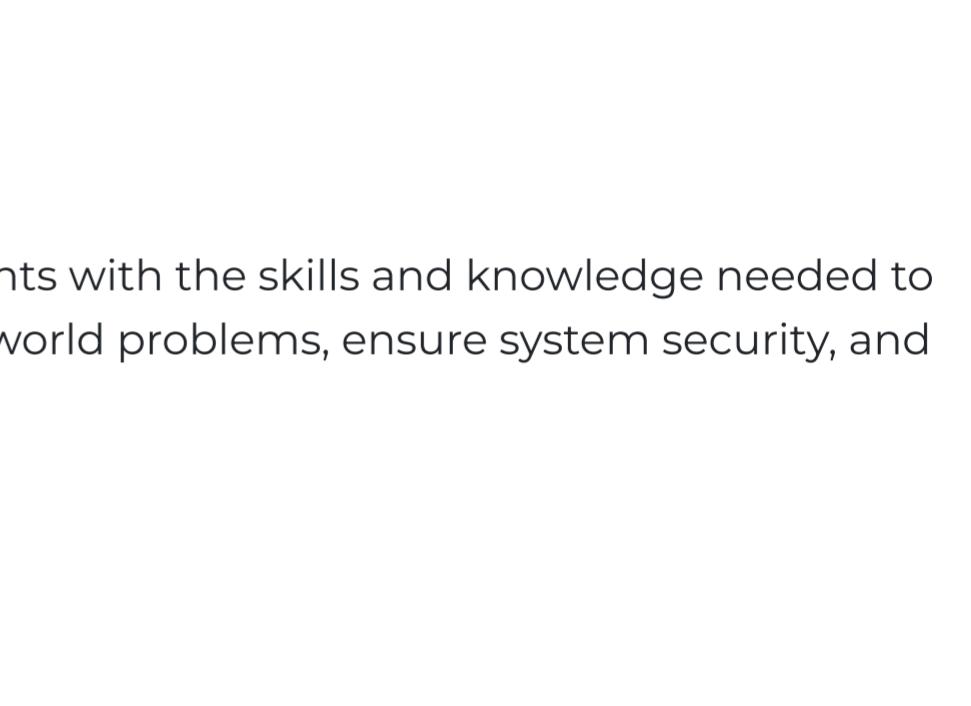


Objectives

"Computer engineering objectives: Innovate technology, optimize systems, enhance security, solve real-world problems, promote sustainability, and uphold ethics for a connected and adaptable world."

Scope

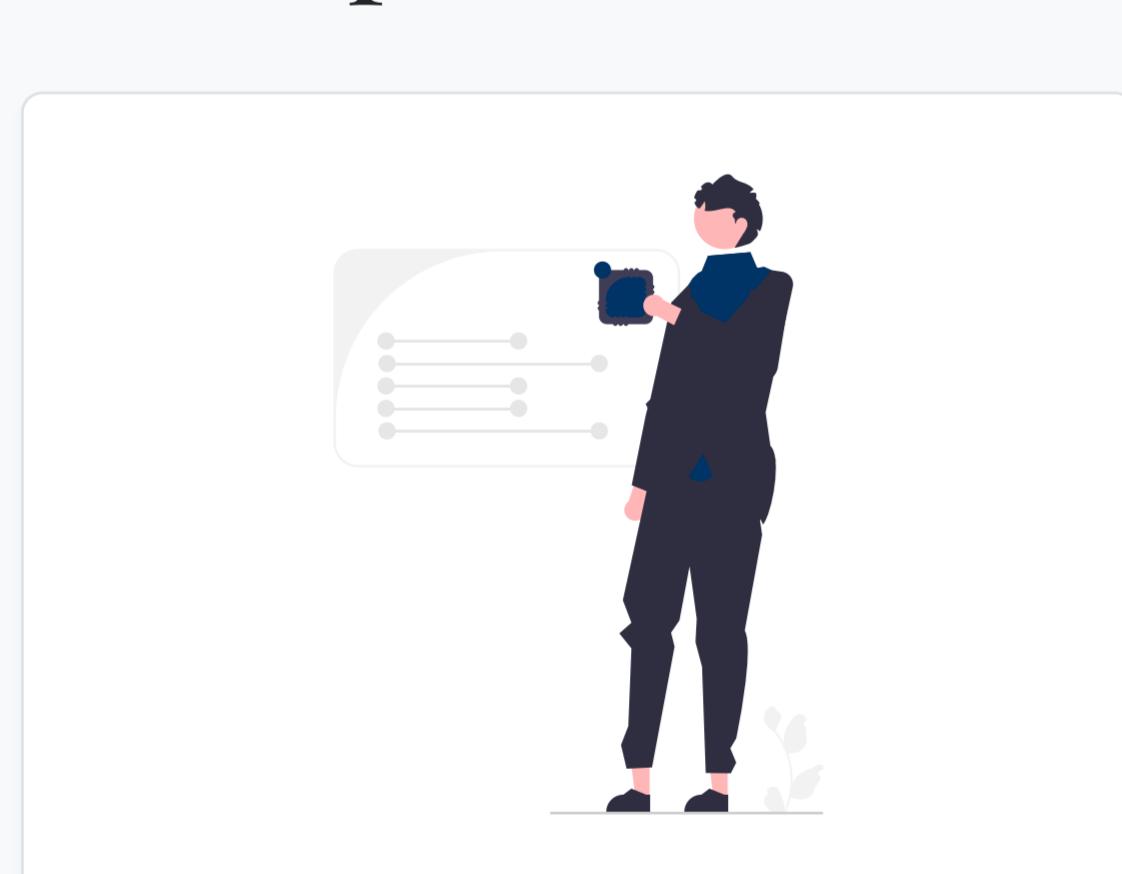
"The UE computer engineering program integrates engineering theory with hands-on design. Students establish a strong foundation in hardware, software, and engineering sciences. They emphasize design methodology and analysis throughout the program, culminating in a senior project. Graduates are well-prepared engineers for real-world challenges."



Significance

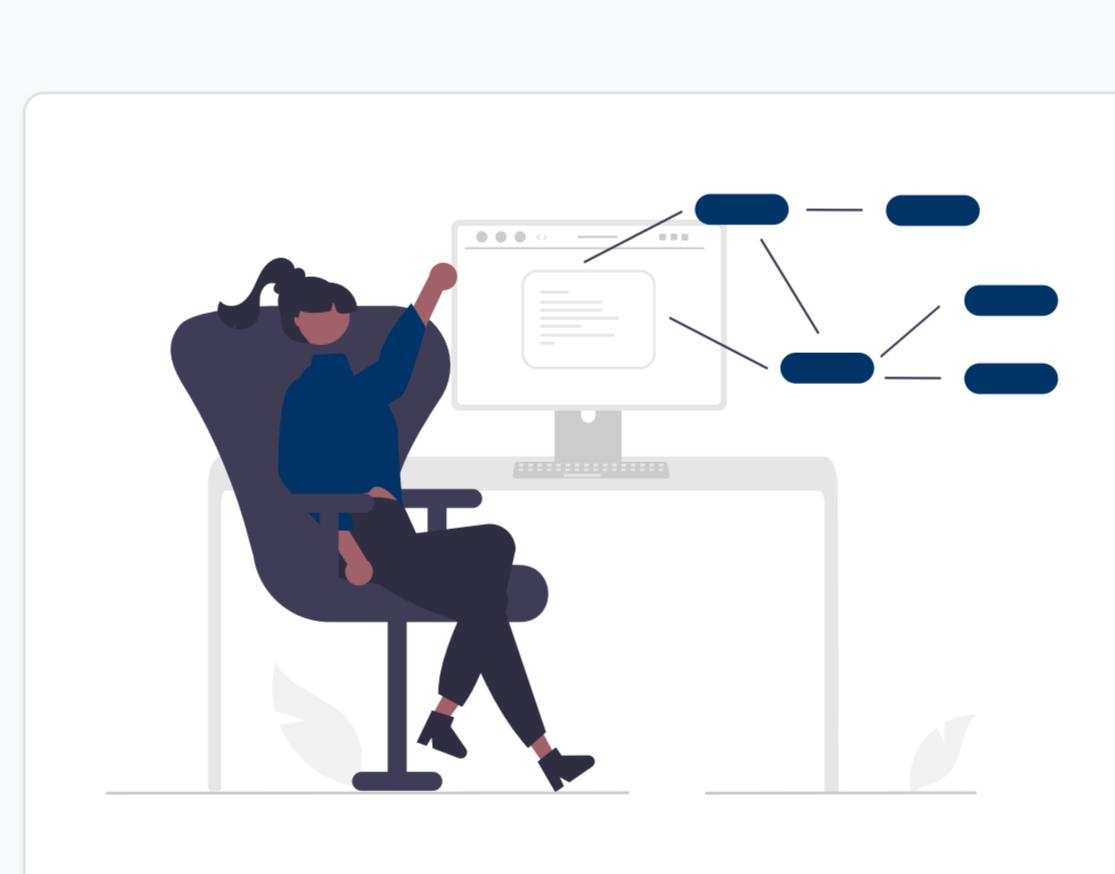
"The computer engineering program equips students with the skills and knowledge needed to drive technological innovation, solve complex real-world problems, ensure system security, and contribute to a connected and sustainable future."

What We Do



Activities

Organize workshops, hackathons, and coding competitions to enhance practical skills and foster a collaborative learning environment.



Projects

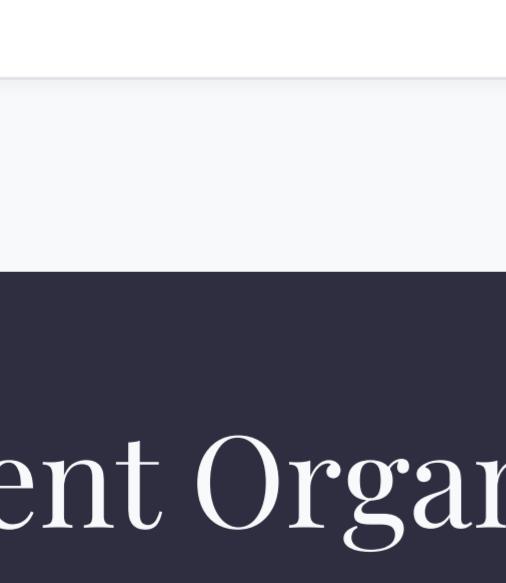
Undertake real-world projects spanning hardware and software development, from IoT solutions to advanced robotics, to apply theoretical knowledge in practical contexts.



Initiatives

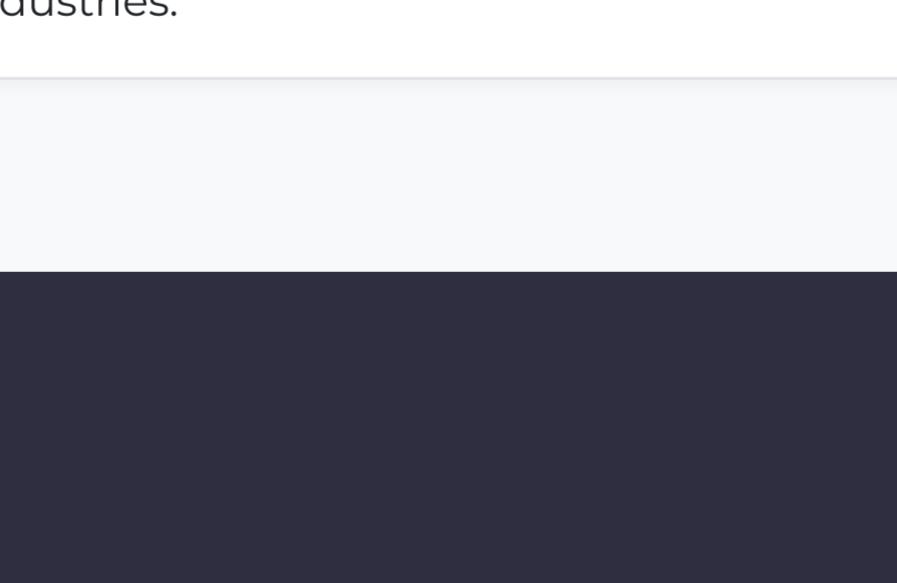
Drive research initiatives in emerging fields like AI, cybersecurity, and green technology, promoting innovation and addressing global challenges.

Our Specializations



Embedded Systems

Design and develop embedded systems for a variety of applications, from IoT devices to autonomous vehicles, integrating hardware and software seamlessly.



Software Development

Cultivate expertise in software engineering, covering everything from application development to system software, and contribute to the digital transformation of industries.



Computer Networks

Explore the world of computer networks, from designing secure communication protocols to optimizing network performance for the ever-evolving digital landscape.

Student Organization



Society of Computer Engineering Students

We are a vibrant community of students passionate about empowering aspiring engineers, foster innovation, and promote excellence in computer engineering through **collaborative learning, professional development, and community engagement**.

[Join Now](#)

Mission Statement

The Department of Computer Engineering declares its role to produce competitive engineers who are knowledgeable in the fundamental areas of digital and computer system design, software development, and modeling of physical systems.

Vision Statement

Program Educational Objectives

Program Outcomes