



COLLEGE OF ENGINEERING

First launched at the Pampanga Campus in 2012, the College of Engineering has recently expanded to the Quezon City Campus, and aims to provide a **strong engineering education** that is guided by outstanding moral values, compassion and a drive towards continuous professional development.

The College produces **highly skilled and well-trained practitioners** who help sustain the economic stability of the country; have a great sense of responsibility, and possess excellent leadership qualities and uncompromised integrity.

ACCREDITATIONS

• ISO 9001:2015 Certification

BS IN ELECTRONICS ENGINEERING (BSECE)

The **Electronics Engineering** program integrates available and emerging technologies with the knowledge of mathematics, natural, social and applied sciences to conceptualize, design and implement new, improved, or innovative electronic, computer and communication systems, devices, goods, services, and processes (RA 9292, 2004).



SCOPE OF PRACTICE AND CAREER OPPORTUNITIES

Electronics Engineers shape the future by driving connectivity, automation, and technological innovations. They design, develop, and maintain electronic systems, ensuring seamless communication and innovation across industries. Their key responsibilities include:

- Design & Development Creating circuits, smart devices, and embedded systems
- Telecommunications & Signal Processing Enhancing networks, broadcasting, and data transmission
- Automation & Consumer Electronics Advancing industrial automation, smart appliances, and audiovisual tech
- EMC & Quality Assurance Preventing interference and ensuring compliance
- Research & Testing Innovating, prototyping, and refining electronic technology
- Diverse Career Paths Opportunities in telecommunications, networks, semiconductors, biomedical, ICT, instrumentation, broadcasting, R&D, academia, maritime, and aeronautics

SALARY EXPECTATIONS

The median annual wage for electronics engineers, except computer was \$119,200 in May 2023.

Source: Bureau of Labor Statistics





Career Outlook for Electronics Engineering Graduates

The Philippine government projects that the country will produce approximately 128,000 semiconductor engineers and technicians in the coming years to support the growing demand for technology. With the semiconductor and electronics sector contributing 60% of the country's total merchandise exports, it remains the leading driver of the Philippines' export industry.

Employment for electrical and electronics engineers is expected to grow by 9% from 2023 to 2033, outpacing the average job growth rate. Around **19,000 job openings** are anticipated each year, mainly due to workforce turnover from retirements and career changes (U.S. Bureau of Labor Statistics).

VALENZUELA CITY CAMPUS

(02) 8291-6644 09178122947 / 09171268455 / 09171401071 admissions-val@fatima.edu.ph

QUEZON CITY CAMPUS

(02) 8891-3198 / (02) 8420-6003 / 8962-5964 loc. 11 09171243126 / 09171390436 qcadmissions@fatima.edu.ph

ANTIPOLO CITY CAMPUS

8571-8993 / 8661-3023 loc. 109 09171442175 / 09333343247 admissions-ant@fatima.edu.ph

PAMPANGA CAMPUS

(045) 455-1216 / (045) 649-7861 09690658042 / 09171455296 sfadmissions@fatima.edu.ph

NUEVA ECIJA CAMPUS

(044) 331-3709 / (044) 960 -1587 / (044) 940-2960 09171321664 admissions-cab@fatima.edu.ph

LAGUNA CAMPUS

(049) 566-6412 / (049) 566-6409 / (049) 566-6410 09171155008 / 09171376059 admissions-laguna@fatima.edu.ph

