Bachelor of Science in Electrical and Electronics Engineering

Strathmore University
School of Computing and Engineering Sciences

Engineers for the Future
BACHELOR OF SCIENCE IN ELECTRICAL AND ELECTRONICS ENGINEERING

The path to becoming an engineer is both a challenging and rewarding experience that will ultimately lead you to design innovations and build real-world applications necessary to eradicate societal problems.

The Electrical and Electronics Engineering degree provides the basis for all elements related to Power systems, Electronics, Control, Energy and communications. We will require you to apply your creativity, imagination and innovation into refining devices, machines and systems which are integral to modern-day society. Be the next engineer for the future!

WHY CHOOSE THIS DEGREE?

The programme adheres to the highest educational standards. It is delivered by a team of well-qualified local and international faculty, with world-class laboratories and a makerspace to back up classroom theory. Students enjoy all the benefits of being in Strathmore University, like getting a free laptop on admission, access high speed internet, mentoring services and a robust selection of extra-curricular activities, among others.

CAREER OPPORTUNITIES

Graduates will gain hands-on, practical understanding of electrical and electronics systems, and the specialised industries enabled by such systems. They will have many opportunities, both locally and internationally, to broaden their skill set and establish a network of contacts.

Top destinations for electrical and electronics engineers include premier local and international companies such as Kenya Power and Lighting Company, Kenya Electricity Transmission Company, KenGen, Geothermal Development Company, Schneider Electric, IBM, Safaricom, Bosch, IBM, General Electric, Philips, VESTAS, Enel, and Siemens, among others.

Furthermore, through established partnerships with other world-class universities, graduates of the programme who interested in further studies will have robust choices.

PROGRAMME STRENGTHS

- Work-based learning with linkages to industry partners
- Makerspace
- It is offered in close collaboration with industry
- World-class laboratories and makerspace

Why Strathmore University?

Our Brand of Education

Strathmore shapes global profession for tomorrow. Our market-oriented courses, industry linkages and opportunities outside the classroom provide positive career outcomes for our students in their chosen fields.

Mentoring

Strathmore University has a mentoring system in which one-on-one mentor-student sessions aim to bring the integration of knowledge, skills and values down to the personal level.

Our Graduates

According to employers, Strathmore University graduates distinguish themselves by their work ethic and discipline.

International Experience

Strathmore University provides global exposure to students through international academic trips, as well as collaboration with top international universities and companies, to expand their knowledge.
OUR ENTRY REQUIREMENTS

• A minimum KCSE grade of B+ (or its equivalent), with a B+ or above in both Mathematics and Physics.

• 6 credits at O-Level, A level 3 principal passes

• IB Diploma 34 points out of 45

• A distinction in the Strathmore University Entrance Exam

• Proven leadership skills in school and community and outstanding performance in extra-curricular activities are an added advantage.

All candidates meeting the entry requirement are required to sit the University entrance examination in English and Mathematics and an oral interview. Interviews are held on Tuesdays and Thursdays at 8:00am. Candidates are required to bring originals and copies of academic certificates, 2 passport-size photographs, a photocopy of National ID or Passport, and KES 2,000 entrance exam fee.