

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 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 to 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 access to high speed internet, mentoring services and a robust selection of extra-curricular activities.

CAREER OPPORTUNITIES

Graduates will gain a 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, General Electric, Philips, VESTAS, Enel, and Siemens among others.

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

PROGRAMME STRENGTHS

- Workbased learning with linkages to Industry partners
- Maker's pace
- It is offered in close collaboration with industry
- World-class laboratories and makerspace

Why Strathmore University?

Our Brand of Education

Strathmore shapes global professionals 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.



Reputation for excellence



High graduate job placement



Hands-on practical training



Industrial attachments



International faculty



International academic trips



Blended Learning



All-round education



Laptops for all undergraduate students



State-of-the-art laboratory



Powerful network of alumni spanning over 50 years



Student diversity: more than 70 nationalities

A group of students in a lab setting, focused on a task involving electronic equipment and cables. The students are diverse in age and appearance, and they are all looking intently at the equipment on the table. The background is slightly blurred, showing a typical classroom or lab environment with overhead lights and other students in the distance.

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 requirements 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.



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FOR MORE DETAILS CONTACT:

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