

Level 5 Diploma in Electrical and Electronics Engineering

The aim of the programme is to produce innovative, skillful and marketable graduates.

The objectives of the programme are to:

- Equip students with technical knowledge and skills in Electrical and Electronic Engineering on par with industry requirement.
- Expose students to real world problems where they can develop the skills and experiences applicable to the working environment.
- Produce certified and skilled candidates to fulfill the

Entry Requirement

Admission to Politeknik Brunei programmes must satisfy the Minimum Entry Requirement of each programme.

For reference, visit PB Website: http://www.pb.edu.bn/SiteCollectionDocuments/ER_2019_V3.pdf or scan the QR Code below:



Career & Progression

Electrical & Electronics Engineering provides career opportunities in the government sector under electrical services, maintenance and projects, as well as opportunities in the private sector such as the oil and gas industry in the mechanical, electrical, electrical services sectors.

Progression to a bachelor degree in Electrical & Electronics Engineering related field at local and oversea universities (*subject to CGPA attained)

Testimonial

“The Electrical and Electronic Engineering (EEE) programme is an excellent 3-year HND course that provide opportunities not only to acquire basic and advanced knowledge in Electrical Power; Electrical circuitry and electronics; Power Distribution; Electrical and Instrumentation knowledge; Basic Programming and Designing of electronic circuitry, but also provide hands-on experiences and trainings to be an Engineer in the Electrical and Instrumentation (E&I) field.

My learning experiences under this programme, not only gave me the knowledge in the field of EEE, but also allowed me to develop practical skills such as teamwork, problem-solving and effective communication skills through various group work projects and assignments. An excellent one-to-one communication between lecturers and students further enhanced the learning atmosphere and boosted our moral and willingness to learn. My experience had prepared me with the fundamental skills useful for my future career in the EEE field.”

Desmond Anak Mugim/Deli

2018 Graduate - Diploma in Electrical & Electronics Engineering
Politeknik Brunei 4th Convocation

Programme Information

Level 5 Diploma Equivalence	Higher National Diploma
Duration of Study	3 Years (6 Semesters)
Commencement of 2019/2020 Academic Year	July 2019
Campus Location	School of Science & Engineering, Lumut
No of Modules	27 modules (91 Credit Value)

Level 5 Diploma in Electrical and Electronics Engineering

Programme Structure

No.	Module Title
1.	Engineering Mathematics 1
2.	Introduction to Electrical Engineering
3.	Health, Safety, Security and Environment
4.	Pengajian Melayu Islam Beraja
5.	Pendidikan Islam
6.	Communication Skills for Engineering 1
7.	Engineering Mathematics 2
8.	Electrical and Electronics Principle 1
9.	Computer Programming
10.	Workshop Skills
11.	Communication Skills for Engineering 2
12.	Control Systems
13.	Electrical and Electronics Principle 2
14.	Electrical Power Engineering
15.	Digital Electronics
16.	Entrepreneurship
17.	Microcontroller and Applications
18.	Programmable Logic Controllers
19.	Electrical Machines
20.	Transducer and Instrumentation
21.	Industrial Applications
22.	Power Electronics and Drives
23.	Power Systems
24.	Control System Application
25.	Final Year Project
26.	Internship
27.	Enrichment



GET IN TOUCH WITH US



Block 2E, Ong Sum Ping Condominium,
Jalan Ong Sum Ping,
Bandar Seri Begawan, BA1311,
Negara Brunei Darussalam



Tel: +673 2234466
Fax: +673 2234469 / +673 2234449



Email : contact@pb.edu.bn



Website : www.pb.edu.bn



Follow us : [@politeknikbrunei](https://www.instagram.com/politeknikbrunei)



How to apply?
go to <https://bit.ly/2E5rdwt>