PENINSULA COLLEGE

Diploma In Electrical And Electronics Engineering Technology
(N/0713/4/0003)(02/28)(MQA/PA 15863)(MBOT/PA/EE/0/01/0001)

About Diploma In Electrical And Electronics Engineering Technology

Practical Diploma In Electrical & Electronics Engineering Technology In Penang

Peninsula College's Diploma in Electrical & Electronics Engineering Technology is leading in electrical and electronics engineering, delivered full-time over 2 to 3 years at our Ship Campus in Penang.

With our Diploma in Electrical and Electronics Engineering Technology, students can embark on a rewarding career in the Engineering and Technology sector. This programme equips students with the essential skills and knowledge to design, develop, and maintain cutting-edge electrical and electronic systems and equipment.

Apply now to launch your engineering career in Malaysia's booming electrical and electronics sector.

— Study Mode / Duration

Full-time (2.3 years)

— Delivery Location

PENINSULA COLLEGE

...hip Campus, Penang

— Intakes

January, May, September

— Fee

Approx. RM 32,200

— Entry Requirements*

- SPM / IGCSE: Pass with 3 credits inclusive of Mathematics and one relevant Science subject and pass in English
- UEC: Pass with 3 B6 inclusive of Mathematics and one relevant science subject and pass in English

— Career Prospects

- Design Engineer
- Electronics Engineer
- Technical Sales Representative

Programme Structure

Year 1

- Introduction to Computer Programming
- Engineering Materials

- Fundamental Mathematics
- Circuit Theory I
- English Language Proficiency
- Integrity and Anti-Corruption
- Engineering Science
- Instrumentation & Measurement
- Analogue Electronics
- Mathematics 1
- Circuit Theory II
- Bahasa Kebangsaan A** / Public Speaking
- Penghayatan Etika dan Peradaban / Bahasa Melayu Komunikasi 1*
- Introduction to Microcontroller
- Engineering CAD

Year 2

- Mathematics 2
- Digital Electronics
- Introduction to Control System
- Communication System
- Introduction to IC Layout
- Power System
- Introduction to Robotics
- Introduction to PLC
- Electrical Machine Fundamentals
- Power Electronics
- Project 1
- Community Service 1
- Introduction to Industrial Revolution 4.0
- Occupational Safety and Health for Engineering
- Project 2

Year 3

- Industrial Training (3 months)

Changes to the programme structure are at Peninsula College Georgetown's discretion as approved by MQA

* for international students only.
** for individuals who did not meet the minimum grade C in their SPM results or hold equivalent qualifications from other examinations.

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⬇ Download Course Guide

PENINSULA
C O L L E G E

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The Ship Campus, Penang

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Peninsula College Shah Alam
DK056(B)

The Lighthouse Campus, Shah Alam

🟢 +6016-2151303

The City Campus, Klang

🟢 +6016-2151303

✉ enquiry@peninsulacollege.edu.my

Our Campuses

The Ship Campus, Penang

The Lighthouse Campus, Shah Alam

The City Campus, Klang

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