PREPARING YOU FOR THE WORLD !

YOUR ROUTE TO AN HONOURS DEGREE

DISCOVER YOUR POTENTIAL
&
ACHIEVE SUCCESS

MQA ACCREDITED

(R2/523/4/0215) (A3426)/ JPT/BPP(K)1000-600/P713 Jld.6 (9)

DIPLOMA
in ELECTRICAL & ELECTRONICS ENGINEERING

PROGRAM DESCRIPTION

Electrical & Electronics is at the core of a wide variety of specialized technologies that have been developing recently like automation, computer & control engineering and forms the foundation blocks in every industry.

In modern day industries with the introduction of numerous consumer electronic products, majority of the projects involve and E & E engineer for the successful implementation resulting in a pressing need of engineers to support this extremely increasing demand.
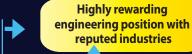
Electrical & Electronics engineering is concerned with the design & analysis of Electrical & Electronics Circuits, Electronics Systems, Control & Instrumentation and Communication Devices.

This Diploma program is recognized by the Ministry of Higher Education (MoHE) and is approved by Malaysian Qualification Agency (MQA).

- Innovative delivery approaches to make your learning easy
- Smart partnership with major MNCs & unique project based learning approach
- Offering you unlimited career opportunities
- A qualification that gives you one of the highest rewarding career

Highly rewarding engineering position with reputed industries

B.Eng (Hons) UK / Local / US / Australian (1.5 - 2 years)

Diploma (2years 6 months)

SPM / 'O' Level 3 credits including Maths & any Science sub

Certificate in Engineering / SKM L3 & pass SPM with 1 credit

Course Modules

- English Language
- Bahasa Kebangsaan A / Thinking Skills
- Malaysian Studies 2 / BM Komunikasi 1
- Advanced Electrical Principles
- Circuit Theory
- Comparative Ethics II
- Control Systems Engineering I
- Control Systems Engineering II
- Computer Systems Engineering
- Community Service & Co-Curriculum
- Communications System Engineering
- Design Project
- Digital Systems
- Electronics I
- Electronics II
- Engineering Science
- Engineering Drawing
- Engineering Mathematics I
- Engineering Mathematics II
- Electronics Engineering Lab I
- Electronics Engineering Lab II
- Electronics Engineering Lab III
- Electrical Engineering Principles
- Fundamentals of IoT
- Management Techniques
- Power I & II
- Programmable Logic Control

Elective I (choose one) : Visual C++ Programming OR Programming in Python

Elective II (choose one) : Embedded Control with PIC Micro OR Raspberry PI programming & Applications

Elective III (choose one) : Microelectronic Circuits & Systems OR Data Analytics OR Artificial Intelligence for IIoT

Note : Malaysian Students are required to take MQA compulsory subjects Malaysian studies, Moral Studies / Islamic Studies and Bahasa Kebangsaan (Exempted for credit holders of Bahasa Malaysia in SPM exam)

Duration / Entry Qualification

☑ $2\frac{1}{2}$ years

☑ SPM with min 3 Credits including Maths and Science Sub

Further Education

College assists in processing and obtaining admissions to the Bachelor degree in Engineering courses at various universities locally or abroad. Diploma holders are normally accepted into the final year or 3nd year of Bachelor degree program in various UK, US, Australian universities either locally or abroad.

Career Prospects

Graduates can work in design, research & development, production, maintenance, test or quality control departments which are highly rewarding and offer excellent growth opportunities. Major multinational industries conduct JOB INTERVIEW at the college & offer lucrative jobs to our Diploma holders.

Corporate Clientele : Agilent Technologies, Acer Technologies, Audio Philips, AMD, Intel Technology, Mattel, Motorola, Siemens, Unico Technology.. etc

Register Now !

LEAD , INNOVATE , EXCEL