

PREPARING YOU FOR THE WORLD!

YOUR
ROUTE TO AN
HONOURS DEGREE

DISCOVER YOUR POTENTIAL
&
ACHIEVE SUCCESS



DIPLOMA

in **COMPUTER & ELECTRONICS ENGINEERING**

(R2/523/4/0213) (A3427)/ JPT/BPP(K)1000-600/P713 Jld 6(9)

PROGRAM DESCRIPTION

The advances in computer science & technology require knowledge of hardware and software tools that offer scope for efficient use of computer in analysis, design & manufacturing phases of engineering systems & process in any industry.

Computer and Electronics engineering is concerned with the design, development and analysis of Computer Systems, Hardware & Software Application, Control & Instrumentation and Communication & Network Devices.

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

Course Modules

- English Language
- Bahasa Kebangsaan A / Thinking Skills
- Malaysian Studies 2 / Bahasa Melayu Komunikasi 1
- Circuit Theory
- Comparative Ethics II
- Control Systems Engineering I
- Computing & Internet System
- Computer Systems Engineering
- Computer Peripherals & Servicing
- Communication Systems Engineering
- Community Service & Co-Curriculum
- Design Project
- Digital Systems
- Electronics I
- Electronics II
- Engineering Drawing
- Engineering Science
- Electrical Engineering
- Engineering Mathematics
- Engineering Mathematics I
- Electronics Engineering Lab I
- Electronics Engineering Lab II
- Electronics Engineering Lab III
- Fundamentals of IIoT
- Network ADM, Planning & Troubleshooting
- Management Techniques
- Power I
- Programmable Logic Control

- Elective I (choose one) : Visual C++ Programming OR Programming in Python
- Elective II (choose one) : Embedded Control with PIC Microcontroller 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)

- 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

Duration / Entry Qualification

- 2½ years SPM with min 3 Credits including Maths and Science Sub

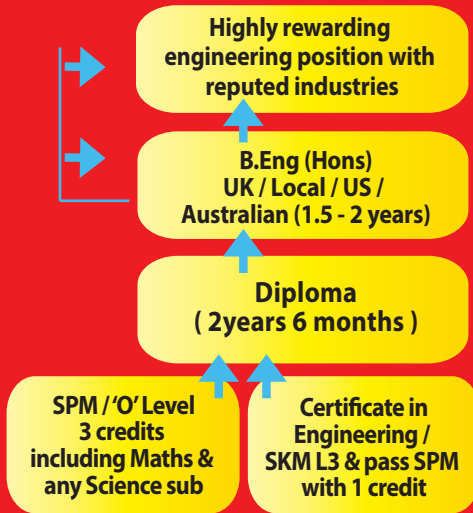
Further Education

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 3rd 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



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