

FACULTY OF ENGINEERING

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BACHELOR OF  
**ELECTRICAL  
AND  
ELECTRONICS  
ENGINEERING**  
WITH HONOURS

OCTOBER  
Intake

# INTRODUCTION

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Electrical and electronic engineering is an important field of professional Malaysia where it has been identified as the catalytic activities of public or private sector needs electrical and electronics industry that can contribute to the national economy. With this program, it is hoped that it can accommodate the shortage of professionals in this critical field.

Wide employment opportunity in any organization which utilize or involve in information technology industry such as software and computer component design, electronics instrumentation manufacturing and computer networking for information transmission.

## DURATION OF THE PROGRAMME

The minimum of study is 4 years (8 semesters) on full time to a maximum period of 7 years.

## FACILITIES AND RESOURCES

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY) – The University library houses more than 200,000 titles of books and journals, and it also provides access to thousands of resources online.
- Resources Rooms – Spaces are provided for students to discuss, collaborate and work on academic tasks within the faculty and throughout the campus.
- Laboratory Facilities – Faculty of Engineering is supported by many research groups, laboratories and equipment's that allow our students to conduct their research in a wide range of fields.

## WHO SHOULD APPLY

The programme aims at providing opportunities to various group of potential candidates such as:

- Fresh graduates from STPM, Matriculation, Pre-University, Diploma and equivalents who wish to pursue engineering programme
- Employees from relevant sectors of industries who are determined to develop your human capital and expand your social network for better job performance and prospects

## ENTRY REQUIREMENTS

### Malaysian Qualifications

#### Generic Academic Requirements

- Possess Sijil Pelajaran Malaysia (SPM)/equivalent with a Credit in Bahasa Melayu/Bahasa Malaysia or Bahasa Melayu/Bahasa Malaysia July Paper and a Pass in Sejarah (SPM 2013 onwards)
- A Diploma or any other Equivalent Qualification OR STPM with minimum CGPA 2.00 with minimum Grade C (NGMP 2.00) in General Paper and in other two (2) subjects OR KPM Matriculation/ UM Science Foundation/ UiTM Foundation with minimum CGPA 2.00
- Minimum Band 2 in Malaysian University English Test (MUET)

#### Specific Requirements

- Possess a **DIPLOMA** in related field/equivalent as approved by UNIMAS Senate with minimum CGPA 2.50; **OR**
- Obtained minimum Grade C (NGMP 2.00) in **STPM** for the following subjects:
  - Physics
  - Mathematics; and
  - Biology/Chemistry; **OR**
- Obtained minimum Grade C (2.00) in **MATRICULATION/FOUNDATION** for the following subjects:
  - Mathematics
  - Physics/Engineering Physics; and
  - Chemistry/Engineering Chemistry/ Biology/Basic Engineering; **AND**
- Minimum Grade C in SPM for Mathematics/Additional Mathematics; **AND**
- Minimum Grade E in SPM for English Language; **AND**
- Minimum Band 2 in Malaysian University English Test (MUET); **AND**
- Candidate do not have any disabilities (blind/colour blindness/physical disabilities) that hinder physical/laboratory work.

## COURSE FEES

Malaysian student **RM 42,128.00**

International student **RM 54,040.00**

The fee is to be paid in eight (8) semesters. Students will have to pay further administrative fees and recurring fees if they extend their studies.

Students are entitled to apply for PTPTN at only 1% interest rate to cover the course fees. Alternatively, they can apply other external scholarship or education loan for undergraduate programme.

### For international students

- Obtained GCE A Level/Australian Matriculation Programme (AUSMAT)/ with at least Gred C in three (3) subjects as follows:
  - Mathematics
  - Physics
  - Chemistry/Further Mathematics/ Biology;**OR**
- Passed International Baccalaureate (IB) with a minimum score 26 and obtained at least score 4 in three (3) subjects at High Level (HL):
  - Mathematics
  - Physics
  - Chemistry/Further Mathematics/ Biology;**AND**
- Obtained atleast Band 2 in MUET/Band 5.5 in IELTS / score 500 in TOEFL PBT / score 59 in TOEFL IBT test; **AND**
- Applicant does not have any eyesight disabilities and/or physical disabilities which may affect physical / laboratory works

## CAREER PROSPECTS

Electrical & Electronic Engineer or related engineering works

# CONTACT US

**For further information about the programme, please contact:**

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