

About

Faculty of Electrical Engineering (FKE) through the collaboration with the Center for Lifelong Learning (PPPH), UTeM has offered a Bachelor of Electrical Engineering (BEKG) Program (Part Time mode).

The main goal of the program is to cultivate life-long education for working students with knowledge and professionals related to the field of electrical engineering.

This program is specifically designed focus to the workers who want to increase their self-development and skills enhancement.

Give your self the best that education has to offer during weekend.



The Campus

Faculty of Electrical Engineering
Universiti Teknikal Malaysia Melaka
Hang Tuah Jaya, 76100 Durian
Tunggal, Melaka.



Contact Us

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<https://fke.utem.edu.my/>
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Bachelor of Electrical Engineering With Honour (Part Time)



Faculty of Electrical Engineering , UTeM

We're determined to ensure everyone learns innovative problem-solving, as well as compassionate thinking.



Programs

COURSES

The courses offer consists of both engineering and non-engineering courses. The curriculum's knowledge flow/breakdown of engineering courses distributed through the academic years are structured from fundamental knowledge, application and specialization courses. Besides that, laboratory/workshop work, industrial training, capstone projects and final year projects are amongst the key elements of the curriculum content. The effectiveness and quality of the curriculum such as the educational content, teaching and learning are constantly monitored with appropriate assessment methods in order to achieve the learning and program outcome.

Entry Requirement

Passed Sijil Pelajaran Malaysia (SPM)/equivalent with credit (grade C) in Bahasa Melayu or Bahasa Melayu July Paper and passed in History;

AND

Passed Diploma Engineering or Diploma Engineering Technology in related areas, and graduated from recognized institution or any other qualifications that are recognized by the Malaysian Government and endorse by the University Senate

OR

Passed from KPM Matriculation Centre with minimum CGPA of 2.00 and at least Grade C (2.00) in the following subjects:

*Mathematics * Chemistry or Engineering Studies * Physics / Biology
*Candidate who does not take Physics in Matriculation must have at least Grade B for Physics in Sijil Pelajaran Malaysia

OR

Passed STPM certificate with minimum CGPA of 2.00 and at least Grade C (2.00) in the following subjects:

*General Studies *Mathematics
*Chemistry *Physics / Biology
*Candidate who does not take Physics in Sijil Tinggi Pelajaran Malaysia (STPM) must have at least Grade B for Physics in Sijil Pelajaran Malaysia (SPM).

Please refer website for details information

Curriculum Structure



Year 1 & 2

Engineering Mathematic 1,2
Principles Of Electric
& Electronics
Engineering Materials
Differential Equations
Electric Circuit 1,2
Engineering Practice 1,2
English For Academic Purpose
Engineering Graphics And Cad
Digital Electronics
Principles Of
Instrumentation & Measurement
Electrical Systems
Analogue Electronic
Computer Programming
Electromagnetic Theory
Introduction To Mechanical Engineering
Co-Curriculum
Third Language



Year 3 & 4

Signal & Systems
Communication Systems
Electrical Machine
Control Systems Engineering
Electrical Engineering Laboratory 1,2
Power Systems Analysis
Academic Writing
Instrumentation And Control
Power Electronics
Engineering Statistic
Energy Utilization And Conversation
Microprocessor
Electrical Drives
High Voltage Engineering
English For Professional Interaction
Industrial Training
Elective Subject



Year 5 & 6

Engineering Seminar
Engineer And Society
Renewable Energy
Final Year Project 1,2
Integrated Design Project
Enterpreneurship Technology
Electrical Engineering Laboratory 3
Engineering Economic & Management
Elective Subject

Elective Subjects

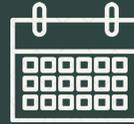
Distribution System Design
Power System Protection
Industrial Control And Automation
Intelligent Control Systems
Digital Control Systems
Industrial Robotics
Power Electronics System
Industrial Power Electronics
Modern Electrical Drives

Join Us For better Future



Class Locations

Universiti Teknikal Malaysia Melaka
&
IKM Manjung, Perak



Facilities

Power System Lab
PLC & Process Control Lab
Protection System Lab
Energy Efficiency Lab
Instrumentation and DSP Lab
Microprocessor lab
Motion Control Laboratory
Power Electronic Laboratory
Underwater Technology Lab
Electric Vehicle Drive Lab
Solar PV System and Smart Grid Lab



Why Register

- ◆ Weekend class from 8am to 5pm
- ◆ 5.5 years duration for part time mode
- ◆ 2 intake every year
- ◆ Electrical engineering graduates are highly marketable
- ◆ Competitive fee structure

