

# GENERAL ENTRY REQUIREMENTS:

- BUMIPUTRA MALAYSIAN
- UITM GENERAL ENTRY REQUIREMENT

# SPECIAL REQUIREMENTS:

Bachelor's degree in engineering or related field with a minimum CGPA of 2.50 or equivalent from UiTM or other higher learning institutions recognized by the UiTM Senate

OR  
 Bachelor's degree in engineering or related field with a minimum CGPA of 2.00 not meeting CGPA of 2.50 can be accepted subject to a minimum of 3 years working experience in relevant field and rigorous internal assessment.

OR  
 Passed level 7 accreditation of Prior Experiential Learning (APEL A) evaluation from Malaysian Qualifications Agency (MQA)

- Malaysian citizens only
- 30 years old and above upon application
- Has working experience in related field.

**Related field:**  
 Engineering and engineering trades: engineering technology; Computer Science, Electronics and Automation; Military and Defense; Environment Protection Technology; Communication; Information Technology



## MANAGEMENT-BASED

Student will develop industrial engineering skills, knowledge and expertise, alongside knowledge of business and management techniques, strategies and concerns

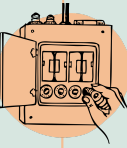


## ON-DEMAND SKILLSET

Define and solve one problem at a time. Solving complex technical issues, with brainstorming activities amongst students

## GROWTH AREA

Electrical and Electronics sector that emphasizes smart manufacturing by utilizing the development of knowledge in the field of Big Data Analysis (BDA) and Internet of Things (IoT).



## FACILITIES

Provides comprehensive facilities for engineering and modern laboratories with student facilities for aiding in teaching and learning processes.

## THRUST BOOSTER

Enhance your professional skill set and industry knowledge through tailored engineering program to boost your career marketability



## NETWORKING

Opportunity for global networking with the University's MoU with industrial partners as well as established collaborations with local key industry players

# PROGRAM STRUCTURE

Total = 40 credit hours

## SEMESTER 1

- RENEWABLE ENERGY TECHNOLOGIES
- ADVANCED DIGITAL SIGNAL & IMAGE PROCESSING
- RESEARCH METHODOLOGY
- ENGINEERING MANAGEMENT
- OPERATION MANAGEMENT



## ELECTIVES\*

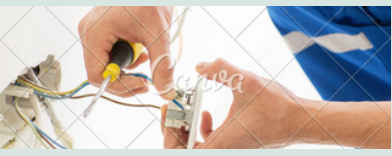
\* choose any one (1) from:

- POWER QUALITY & ENERGY MANAGEMENT
- EMBEDDED SYSTEMS DESIGN
- ARTIFICIAL INTELLIGENCE & BIG DATA
- RADIO FREQUENCY (RF) & MICROWAVES DESIGN
- IC FABRICATION



## SEMESTER 2

- ADVANCED COMMUNICATION ENGINEERING
- DIGITAL POWER ELECTRONICS CONVERTERS
- ELECTIVE 1 \*
- STRATEGIC MANAGEMENT
- MANAGERIAL FINANCE



## SEMESTER 3

- RESEARCH PROJECT

## QUICK INFO

- 🕒 1.5 - 3 years (full-time) ; 2.5 - 5 years (part-time)
- 🕒 40 total credit hours Coursework
- 📍 Mac 2022 onwards @ UiTM Permatang Pauh
- 💰 Fees \*RM 18,000 Weekend Classes

\*SUBJECT TO CHANGE. FOR MORE INFO ON FEES AND SCHOLARSHIP/LOAN OPPORTUNITIES, PLEASE VISIT UiTM BURSARY WEBSITE

*Visit our Campus!*


**COURSES OFFERED**




**2022**

"The electrical and electronics engineering Master's program is in line with the Industrial Revolution (IR) 4.0 and management elements. Therefore, this Master's program with management is a leap from the IR 4.0 requirement that incorporates more than one field of knowledge combining engineering and management."

## CONTACT US @

 <http://fkeuitmpp.info/>

 Pengajian Kejuruteraan Elektrik UiTM -FB Media Rasmi



MASTER PROGRAM EE WITH MANAGEMENT  
FKE MAC2022



SCHOOL OF ELECTRICAL ENGINEERING UiTM CPP



019-5902142 ( Dr Aslina Abu Bakar)

COORDINATOR OF MASTER BY COURSEWORK

School of Electrical Engineering  
College of Engineering  
Universiti Teknologi MARA (UiTM)  
Cawangan Pulau Pinang  
Kampus Permatang Pauh  
13500 Bukit Mertajam  
Pulau Pinang



UNIVERSITI  
TEKNOLOGI  
MARA

SCHOOL FOR ELECTRICAL ENGINEERING STUDIES  
COLLEGE OF ENGINEERING  
UiTM PERMATANG PAUH CAMPUS  
PULAU PINANG

# WELCOME PROSPECTUS

Master of Science in Electrical and  
Electronics Engineering Management

**CEEE770**

**ENGINEER YOUR  
FUTURE WITH US**



Join  
for  
Info



UiTM *di hatiku*

