

"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."



UNIVERSITI
TEKNOLOGI
MARA

WELCOME PROSPECTUS

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Pengajian Kejuruteraan
Elektrik UiTM -FB Media
Rasmi



MASTER PROGRAM EE
MANAGEMENT



SCHOOL OF ELECTRICAL
ENGINEERING UiTM CPP



013-4885929
(Ir. Ts. Dr. Khairul Azman)

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



Master of Science in Electrical and
Electronics Engineering Management
(EE771)



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for
Info

ENGINEER YOUR FUTURE WITH US



UiTM *di hatiku*



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

PROGRAM STRUCTURE

Total = 40 credit hours



SEMESTER 2

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



SEMESTER 3

- RESEARCH PROJECT

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



QUICK INFO

- 🕒 1.5 years (3 sem) (full-time) ; 2.5 yrs(5sem) (part-time)
- 🕒 40 total credit hours  Coursework
- 🏢 Mac 2022 onwards @ UiTM Permatang Pauh
- 💰 Fees  Weekend Classes
 - * RM18K (full-time)
 - * RM 19K (part-time)

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

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2025



The curriculum has received complete recognition and accreditation from Malaysia Qualifications Agency (MQA).



COURSES OFFERED