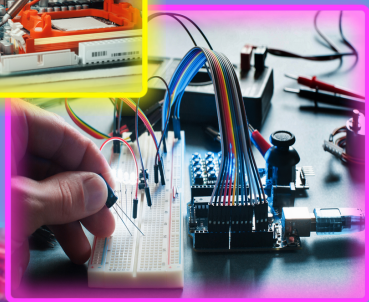
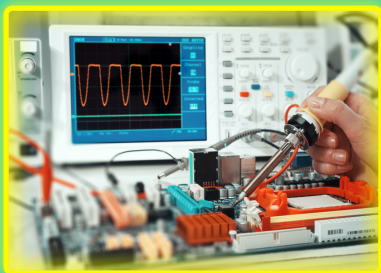


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LECTRONICS ENGINEERING EDUCATION HAS ALWAYS BEEN DYNAMIC AND IN TUNE WITH THE CURRENT DEVELOPMENT AS WELL AS INNOVATIONS IN CREATING NEW TECHNOLOGY. THE MISSION OF THE FACULTY IS TO CREATE MULTI-SKILLED ENGINEERING GRADUATES WHO CAN BE ENTRUSTED TO SPEARHEAD NATION BUILDING IN THIS INFORMATION ERA. IN ADDITION TO PURSUE ACADEMIC EXCELLENCE, THE GRADUATES SHOULD ALSO ACQUIRE HIGH MORAL, ETHICAL AND SPIRITUAL QUALITIES.



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Pulau Pinang



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(4 YEARS / 8 SEMESTERS)



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## \*PROGRAM ENTRY REQUIREMENTS:

Entry holders with Special Program Entry Requirements			
Min CGPA/ PNGK/ MUET	Special Program Entry Requirements	Min CGPA/ PNGK/ MUET	Special Program Entry Requirements
UITM DIPLOMA HOLDERS		DIPLOMA FROM HIGHER LEARNING INSTITUTION RECOGNIZED BY GOVERNMENT OF MALAYSIA	
2.00 / Band 2	Diploma from UITM  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.	2.30 / Band 2	Diploma from IPT  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.
DIPLOMA VOKASIONAL MALAYSIA (DVM) HOLDERS		ASASI UITM/ ASASI UM/ ASASI pintar UKM / MATRIKULASI KPM HOLDERS	
2.00 / Band 2	Possess a Diploma Vokasional Malaysia (DVM) with at least an Overall CGPA of 2.00  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.	2.00 / Band 2	Grade C (2.00) in three (3) subjects  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.
STPM / EQUIVALENT HOLDERS		STAM HOLDERS	
2.00 / Band 2	Grade C (NGMP 2.00) in three (3) subjects including General Studies (Pengajian AM)  <b>AND</b> Passed SPM/Equivalent and passed Mathematics and Science subjects  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.	Jayyid / Band 2	Obtained at least the rank of Jayyid (Honors) in Sijil Tinggi Agama Malaysia (STAM)  <b>AND</b> Passed SPM/Equivalent and passed Mathematics and Science subjects  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.
DIPLOMA KEMAHIRAN MALAYSIA (DKM)/DIPLOMA LANJUTAN KEMAHIRAN MALAYSIA (DLKM) HOLDERS		APEL (ACCREDITATION OF PRIOR EXPERIENTIAL LEARNING)	
2.00 / Band 2	Possess a Diploma Kemahiran Malaysia (DKM)/Diploma Lanjutan Kemahiran Malaysia (DLKM) in the relevant field of Technological Engineering from the Institut Latihan Awam (ILA) or a qualification recognized as equivalent by the Government of Malaysia and approved by the University Senate with a minimum of Accumulated Average Points (CPA/CGPA) 2.00.  <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.	Band 2	<ul style="list-style-type: none"> <li>Pass the MQA (Aptitude Test and Portfolio Evaluation)</li> <li>Not less than 20 years old in the year of application</li> <li>Work experience in a related field of at least three (3) years</li> </ul> <b>AND</b> Candidates are not short-sighted or color blind and do not have physical disabilities that make practical work difficult.

\*FULFILL THE UNIVERSITY'S GENERAL ENTRY REQUIREMENTS



## Program BENEFITS

Today, electronic engineering has been widely applied in various fields and among them are, telecommunications, computing, broadcasting, aviation, automotive and microprocessor system. This program offers a new dimension in the electronic engineering industry encompassing aspects of technology, application, management and sustainability in electronic electrical engineering.

Looking at the ever-expanding diversity of functions in electronic engineering in its implementation, it indirectly opens up more career opportunities in various industries. In ensuring the sustainability of technology in this electronic engineering specialty continues to be driven and relevant, students will be trained to maintain ethics in the development of electronic electrical engineering technology as well as managing organizational governance in accordance with SOPs and standards set. Students will be exposed to electronic analysis courses such as Electronic Circuit Analysis and Integrated Circuit Technology in ensuring that the products produced are more innovative, competitive and sustainable. The development of soft and management skills will create students that are more confident, skilled and competitive in the industry.

To prepare students, the program will meet future challenges that will change the industrial landscape. The content of the courses offered will discuss the impact of the Industrial Revolution 4.0 on the electronic engineering technology itself. Because this revolution is more geared towards artificial intelligence technology that will be applied to the electronic engineering industry. Practical-based courses are designed in this program where students will handle projects that contains elements such as design, simulation and prototype development to support the National Occupational Skill Standard (NOSS) agenda in shifting to technology design and programming-based job demand by 2025



Your Pathway to Success Starts Here!

Campus offered:

UiTM Pulau Pinang, Permatang Pauh Campus

Starting intake:

March 2022

Professional recognitions:

Engineering Technology Accreditation Council (ETAC)  
Malaysian Qualifications Agency (MQA)



### ENGINEERING SKILLSET

DESIGNED TO PROVIDE STUDENTS A COMPREHENSIVE SET OF SKILLS AS AN ENGINEERING STUDENT



### CAREER BASED PROGRAM

INDUSTRY-DRIVEN & PRACTICAL ORIENTED PROJECTS AND COURSES



### PREPARE FOR THE FUTURE

BE AN EXPERT IN EMERGING ELECTRICAL ENGINEERING AREAS



### FACILITIES

MODERN LABORATORIES AND STUDENT FACILITIES TO AID TEACHING & LEARNING PROCESS



practical oriented courses\*

- ENGINEERING SKILLS
- ENGINEERING WORKSHOP I / II
- MICROPROCESSOR AND MICROCONTROLLER SYSTEMS
- EMBEDDED SYSTEMS APPLICATIONS
- INTEGRATED APPLICATION PROJECT
- FINAL YEAR PROJECT I / II
- INDUSTRIAL TRAINING
- ELECTIVE COURSES
- ELECTRICAL CIRCUIT
- MEASUREMENT AND INSTRUMENTATION
- MULTIMEDIA SYSTEMS AND APPLICATIONS
- COMPUTER PROGRAMMING
- INTEGRATED CIRCUIT TECHNOLOGY
- INDUSTRIAL AUTOMATION
- COMMUNICATION ENGINEERING
- SIGNALS AND SYSTEMS
- ELECTRICAL MACHINES
- ENGINEERING TECHNOLOGIST IN SOCIETY

knowledge & theory oriented courses\*

- ENGINEERING MATHEMATICS I / II
- ENGLISH FOR ORAL PRESENTATIONS
- INTRODUCTION TO NUMERICAL ANALYSIS
- DIGITAL SIGNAL PROCESSING
- ELECTROMAGNETIC THEORY
- SEMICONDUCTOR DEVICES
- STATISTICS FOR SCIENCES AND ENGINEERING
- TECHNOLOGY ENTREPRENEURSHIP

\*refer to our official website to view complete study plan

