



Undergraduate 2026/2027 Session



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Bachelor of Electrical Engineering Technology (Honours)

R2/522/6/0022(08/2029) - MQA/FA 14296
MBOT/FA/EE/0/02/0001

BACHELOR OF ELECTRICAL ENGINEERING TECHNOLOGY (HONOURS)

INTRODUCTION

The Bachelor of Electrical Engineering Technology (Honours) programme exposes students to knowledge and skills related to Electrical Installation and Protection Systems, Power and High Voltage Control Systems, Electric Motors, Renewable Energy, Distribution Transmission Generation Systems and maintaining Pneumatic Systems, Hydraulics. Students will also learn industrial management techniques with various types of machines and software related to automation with the electrical industry. Graduates from this programme have highly job marketability and are ready to enter the working fields. Among the core fields of study are electrical industry management, Single phase electrical wiring in the public sector or industry, operation of machinery & processing machinery, system control in the public sector and filling automation in factories and public departments.

MODULES

FIRST YEAR

CORE
MODULES

- Circuit Theory
- Digital System
- Material Science
- Static & Dynamic
- Electronics
- Introduction to Programming
- Pneumatic and Hydraulics
- Algebra



SECOND YEAR

CORE
MODULES

- Electronics System
- Thermodynamics & Fluids
- Instrumentation & Measurement
- Electromagnetic Theory
- Electro Pneumatic
- Programmable Logic Controller
- Utilization of Electrical Energy
- Microcontroller and Application
- Sensor Technology
- Control System
- Numerical Method
- Calculus



THIRD YEAR (Semester 1)

CORE
MODULES

- ECAD
- Electrical Machines
- Electrical Installation & Protection
- Embedded System Design
- Industry Safety Management



THIRD YEAR (Semester 2) Industrial Training



FOURTH YEAR

CORE
MODULES

- Power Systems & Control
- Power Electronics
- Power Generation, Transmission & Distribution
- Drive Technology
- Project I
- Project II
- Power System and High Voltage
- Renewable Energy
- Professional Ethics
- Entrepreneurship

Admission Requirements

QUALIFICATIONS

- **STPM/STAM**
Pass STPM or equivalent with a minimum Grade C (CGPA 2.00) in two subjects, **OR**
Pass STAM (Grade Jayyid) or equivalent, **OR**
- **MATRICULATION/ FOUNDATION**
Pass Matriculation/ Foundation with a minimum CGPA of 2.00 or equivalent, **OR**
- **DIPLOMA**
Pass Diploma MQF level 4 with a minimum CGPA of 2.00 or equivalent, **OR**
Pass Advanced Diploma MQF level 5 with a minimum CGPA of 2.00 or equivalent, **OR**
- **APEL A**
APEL A as prescribed by MQA

ENGLISH LANGUAGE

(Applicable for International Students only)

- **IELTS** Minimum Band 5.0
- **TOEFL** 500 (paper-based)
- **MUET** Band 2 and above
- **PTE** 47 and above

Note: International students with no English Language certificate will be given a conditional offer as part of the requirements set by Education Malaysia Global Services (EMGS).

Application Guidelines

MALAYSIAN QUALIFICATIONS

Step 1

Log on to <https://ecampus.uctati.edu.my/pelajar/apply.php> to create an account and fill in required information.

OTHERS

Step 1

Log on to http://ecampus.uctati.edu.my/pelajar/apply_olevel.php to create an account and fill in required information.

Step 2

Upload all supporting documents and confirm the application submission

Step 3

Check the application status online at the same website. The result will be received within 1 week after the application is made.

Results

For International Students

Please submit your offer letter and all passport pages to International Unit (igs@uctati.edu.my) for visa arrangement prior your departure to Malaysia.



Information



Full Time

4 years (8 semesters)



Intakes

February/April/ July/ September



Full Time (Local)

Registration Fee: RM670.00
Semester Fee: RM5,985.00

Full Time (International)

Registration Fee: RM670.00
Semester Fee: RM8,560.00






For online application, please visit:
Malaysian Qualifications: <https://ecampus.uctati.edu.my/pelajar/apply.php>
Others: http://ecampus.uctati.edu.my/pelajar/apply_olevel.php

**For further enquiries:
Department of Promotion, Marketing & Corporate
Communication**

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DISCLAIMER: The information in this prospectus is correct as of April 2026. Changes in circumstances after this date may alter the accuracy of the information. UC TATI reserves the right to change any information in this prospectus without prior notice.