



# Undergraduate

2025/2026 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

### MUET Band 2 AND

- **STPM/ A-LEVEL**

Pass STPM/ A-level or equivalent with a minimum grade C (CGPA 2.0) in Mathematics and ONE (1) relevant Science subject, AND

Pass SPM or its equivalent with at least a pass in English, **OR**

- **MATRICULATION/ FOUNDATION**

Matriculation/ Foundation with a minimum CGPA of 2.00 and a grade C in Mathematics and one (1) relevant Science subject, **OR**

- **DIPLOMA**

Recognized Diploma in Engineering/ Engineering Technology or its equivalent, with a minimum CGPA of 2.00

**OR**

Recognized related Vocational and Technical/ Skills Diploma with minimum CGPA of 2.00 AND a pass in English at SPM level

## ENGLISH LANGUAGE

- **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).*



## Information



### Full Time

4 years (8 semesters)



### Intakes

February/April/ July/ September



### Full Time (Local)

Registration Fee: RM790.00  
Semester Fee: RM6,085.00

### Full Time (International)

Registration Fee: RM790.00  
Semester Fee: RM8,560.00

# Application Guidelines

## MALAYSIAN QUALIFICATIONS

### Step 1

Log on to

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

## OTHERS

### Step 1

Log on to

[http://ecampus.tatiuc.edu.my/pelajar/apply\\_olevel.php](http://ecampus.tatiuc.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](mailto:igs@uctati.edu.my)) for visa arrangement prior your departure to Malaysia.



For online application, please visit:  
Malaysian Qualifications: <https://ecampus.tatiuc.edu.my/pelajar/apply.php>  
Others: [http://ecampus.tatiuc.edu.my/pelajar/apply\\_olevel.php](http://ecampus.tatiuc.edu.my/pelajar/apply_olevel.php)

**For further enquiries:**  
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DISCLAIMER: The information in this prospectus is correct as of October 2025. 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.