



Undergraduate 2026/2027 Session



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**Diploma in
Industrial Automation
Engineering Technology
(Electrical)**

R2/523/4/0071 (08/2027) - MQA/FA14298
MBOT/FA/EE/0/01/0061

DIPLOMA IN INDUSTRIAL AUTOMATION ENGINEERING TECHNOLOGY (ELECTRICAL)

INTRODUCTION

The Diploma in Industrial Automation Engineering Technology (Electrical) is tailored for students with a keen interest in the technical intricacies and managerial aspects of the electrical sector. This program offers a well-rounded education, covering vital topics including Electrical Installation & Protection Systems, Electric Motors, Renewable Energy, and the Maintenance of Pneumatic & Hydraulic Systems. Additionally, students gain practical experience in industrial management techniques and proficiency in utilizing automation-related machinery and software within the electrical industry. Upon completing this program, graduates are exceptionally marketable, equipped with the skills and knowledge needed to thrive in the real-world industry landscape.

MODULES

FIRST YEAR

CORE
MODULES

- Electrical Technology I
- Programming I
- Automation Technology
- Technical Drawing
- Pneumatic & Hydraulic
- Electrical Technology II
- Industrial Instrumentation
- Electronics I
- Circuit Design
- Digital System
- Mathematics I
- Mathematics II



SECOND YEAR

CORE
MODULES

- Electrical Installation
- Microcontroller
- Electronics II
- Entrepreneurship
- Power Electronics & Drives
- Programmable Logic Controller
- Material Science
- Fundamental of Renewable Energy
- Control System
- Final Year Project
- Electrical Machines



THIRD YEAR (First Semester) Industrial Training

Admission Requirements

QUALIFICATIONS

- **SPM/PRE-DIPLOMA**
Pass SPM or its equivalent with THREE (3) credits (minimum Grade C) in any subjects,
OR
Pass a minimum of one semester pre-diploma programme with SPM or equivalent with a minimum of three credits in any subject, **OR**
- **STPM/ STAM**
Pass STPM or equivalent with a minimum Grade C (CGPA 2.00) in any subject,
OR
Pass STAM (Grade Maqbul) or equivalent, **OR**
- **CERTIFICATE**
Pass Certificate MQF level 3 with a minimum CGPA 2.00 or equivalent,
OR
APEL A as prescribed by MQA

ENGLISH LANGUAGE

(Applicable for International Students only)

- **IELTS** Minimum Band 5.0
- **TOEFL** Minimum 500
- **PTE** 47 and above

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



Full Time

2.5 years (5 semesters)



Intakes

February/April/ July/ September



Full Time (Local)

Registration Fee: RM670.00
Semester Fee: RM3,885.00

Full Time (International)

Registration Fee: RM670.00
Semester Fee: RM6,560.00

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.



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.





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.