



Undergraduate

2022/2023 Session



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Diploma in Industrial Automation Engineering Technology (Electrical)

R/523/4/0071 08/2022, MQA/FA 14298
MBOT/FA/EE/0/01/0061

DIPLOMA IN INDUSTRIAL AUTOMATION ENGINEERING TECHNOLOGY (ELECTRICAL)

INTRODUCTION

Diploma in Industrial Automation Engineering Technology (Electrical) has been developed for students who are interested in technical fields that emphasize on the management aspects of the electrical industry. This programme exposes students to adequate knowledge and skills related to Electrical Installation & Protection Systems, Electric Motors, Renewable Energy, and Pneumatic & Hydraulics Systems Maintenance. Students will also learn industrial management techniques with various types of machines and softwares that are related to automation within the electrical industry. Upon the completion of this programme, graduates will have high job marketability and are ready to enter the real world of industry.

MODULES

FIRST YEAR

CORE
MODULES

- Electrical Technology I
- Programming I
- Automation Technology

- Electrical Technology II
- Industrial Instrumentation
- Electronics I

- Pneumatic & Hydraulic
- Circuit Design
- Digital System



SECOND YEAR

CORE
MODULES

- Electrical Installation
- Microcontroller
- Electronics II
- Entrepreneurship

- Programmable Logic Controller
- Material Science
- Fundamental of Renewable Energy

- Power Electronics & Drives
- Control System
- Final Year Project
- Electrical Machines



THIRD YEAR (FIRST SEMESTER) Industrial Training

Admission Requirements

QUALIFICATIONS

- **SPM**
Pass SPM or equivalent, with minimum credit (Grade C) in THREE (3) subjects including Mathematics and one (1) science/ technical/ vocational related subject and pass English Language
 - **STPM**
Pass STPM or equivalent, with a pass in Mathematic, English Language and one (1) science/ technical/ vocational related subject at SPM level
 - **CERTIFICATE**
A recognised Engineering/ Engineering Technology certificate or equivalent
- OR**
- A recognised Vocational and Technical/ Skills certificate or equivalent, with one-year working experience in relevant field or a bridging programme for one (1) semester

ENGLISH LANGUAGE

- **IELTS** Minimum Band 5.0
- **TOEFL** iBT 42 and above
- **MUET** Band 3 or higher
- **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

3 years (6 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.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
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.tatiuc.edu.my/pelajar/apply.php>

Others: 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 April 2022. 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.