



Undergraduate 2026/2027 Session



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Diploma in Industrial Automation Technology

N/0741/4/0014 (01/2030) MQA/PA 17564
MBOT/PA/EE/0/01/0003

DIPLOMA IN INDUSTRIAL AUTOMATION TECHNOLOGY

INTRODUCTION

The Diploma in Industrial Automation Technology focuses on developing knowledge and skills related to automation technologies in industrial applications. The programme exposes students to key areas such as Fundamentals of Industrial Automation, Electrical and Electronics, Measurement and Instrumentation Systems, Programmable Logic Controller (PLC) Programming, Robotic Automation, Production Management, Sensor Technology in Automation, and Computerized Control Systems. Students will also learn techniques to integrate machines, software, and control systems to optimize industrial processes. Graduates of this programme possess high job marketability and are well-prepared to enter the workforce. Career opportunities are available in various core industries, including oil and gas, manufacturing, and processing sectors, where automation technology plays a vital role.

MODULES

CORE
MODULES

- Electropneumatics
- Electrical Technology
- Sensor Technology
- Pneumatics & Hydraulics
- Industrial Instrumentation
- Electronics
- Process Instrumentation
- Digital System
- Single-Phase Electrical Installation
- Circuit Design Technology
- Technical Drawing
- Entrepreneurship
- English for Professional Practices I
- English for Professional Practices II

SECOND YEAR (First Semester)

CORE
MODULES

- Introduction to Programming
- Microcontroller
- Control System
- Electrical Machines
- Internet of Things
- Programmable Logic Controller
- Manufacturing Processes
- Technical Mathematics
- Final Year Project

SECOND YEAR (Second Semester) Industrial Training

Admission Requirements

QUALIFICATIONS

- **SPM/ O-LEVEL**
Pass SPM or equivalent with a minimum of THREE (3) credits in ANY subject; **OR**
- **STPM/ A-LEVEL**
Pass STPM or equivalent with a minimum Grade C (CGPA 2.00) in ANY subject; **OR**
- **STAM**
Pass STAM (Grade Maqbul) or equivalent; **OR**
- **PRE-DIPLOMA**
Pass a minimum of ONE (1) semester pre-diploma programme with SPM or equivalent with a minimum of THREE (3) credits in ANY subject; **OR**
- **CERTIFICATE**
Pass Certificate MQF Level 3 with a minimum CGPA 2.00 or equivalent; **OR**
- **APEL A**
APEL A as prescribed by MQA; **OR**

Any other recognised qualifications or equivalent

ENGLISH LANGUAGE

- **IELTS** Minimum Band 5.0
- **TOEFL** Minimum 500
- **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

2 years (4 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.

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.





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:
Department of Promotion, Marketing & Corporate
Communication**

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