



# Undergraduate 2026/2027 Session



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**Bachelor of  
Mechatronics  
Engineering  
Technology (Honours)**

R3/0713/6/0077 (01/2033) - MQA : A 9365  
MBOT/ACAD/FA/EE/6/0001

# BACHELOR OF MECHATRONICS ENGINEERING TECHNOLOGY (HONOURS)

## INTRODUCTION

This programme is ideal for students who are passionate about technical fields, emphasizing aspects of industrial management in automation, mechanical, and electronics. Students will be exposed to knowledge and skills related to robotics, PLC, pneumatic and hydraulic systems, programming, mechanical, and electronics. They will also learn industrial management techniques using various machines and software relevant to automation, mechanical, and electronics industries. Additionally, the curriculum includes exposure to Industry 4.0 and current technologies. Graduates from this programme have high employability and are well-prepared to enter the workforce.

## MODULES

### FIRST YEAR

CORE  
MODULES

- Workshop Technology and Practice
- Electrical Technology
- Introduction to Programming
- Circuit Theory
- Instrumentation and Measurement
- Technical Drawing
- Material Science
- Pneumatics and Hydraulics
- Algebra

### SECOND YEAR

CORE  
MODULES

- Electronics
- Digital System
- Introduction to Mechatronics
- Static and Strength of Material
- Electro Pneumatic
- Programmable Logic Controller
- Electronics System
- Microcontroller and Application
- Dynamic and Mechanism
- Control System
- Numerical Methods
- Calculus

### THIRD YEAR

CORE  
MODULES

- Advanced CAD and Modelling
- Sensor Technology
- Electrical Machine
- Electro Hydraulic
- Thermodynamic and Fluid
- Machine Design
- Power Electronics and Drive
- Project 1
- Entrepreneurship
- Quality Management

### FOURTH YEAR (FIRST SEMESTER)

CORE  
MODULES

- Automation Engineering Technology
- Industrial Robotic and Application
- Embedded System Design
- Project 2
- Professional Ethics

### FOURTH YEAR (SECOND SEMESTER)

Industrial Training

# 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

### MALYSIAN 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](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](mailto: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](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 MAY 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.