



# Undergraduate

2025/2026 Session



Scan this QR code to apply

## Bachelor of Manufacturing Engineering Technology (Tooling) with Honours

R3/0714/6/0040( 06/2032) - MQA/FA 15546  
MBOT/FA/ME/0/02/0009

# BACHELOR OF MANUFACTURING ENGINEERING TECHNOLOGY (TOOLING) WITH HONOURS

## INTRODUCTION

This Bachelor of Manufacturing Engineering Technology (Tooling) program focuses on the field of manufacturing engineering technology in a 'hands on' manner. Students will learn to use various types of machines (CNC Machine) and software (CAD/CAM) related to hardware manufacturing, production and product design. This program is ideal for students who are interested in technical fields that emphasize on practical aspects rather than theory. Graduates from this program have high job marketability and are ready to enter the world of employment in various industries such as manufacturing, oil and gas, automotive, and others.

## MODULES

### FIRST YEAR

CORE  
MODULES

- Workshop Technology
- Engineering Drawing
- Materials Science
- Manufacturing Practice
- Manufacturing Process
- Materials Engineering
- Statics & Dynamics
- Algebra
- Calculus



### SECOND YEAR

CORE  
MODULES

- Engineering Metrology
- Press Tool Design
- CNC & CAD/CAM Technology
- Solid Mechanics
- CAD and Modelling
- Mould Design
- Tool & Die Workshop I
- Thermo Fluid
- Electrical & Electronics
- Reverse Engineering
- Statistics



### THIRD YEAR

CORE  
MODULES

- Jigs & Fixtures
- Tool & Die Workshop II
- Engineering Economics
- Computer Programming
- Industrial Engineering
- Final Year Project 1
- Mechanics of Machine
- Engineering Design
- Numerical Method
- Entrepreneurship



### FOURTH YEAR (Semester 1)

CORE  
MODULES

- Final Year Project 2
- Quality Management
- Industrial Safety Management
- Professional Ethics



### FOURTH YEAR (Semester 2) Industrial Training

# 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

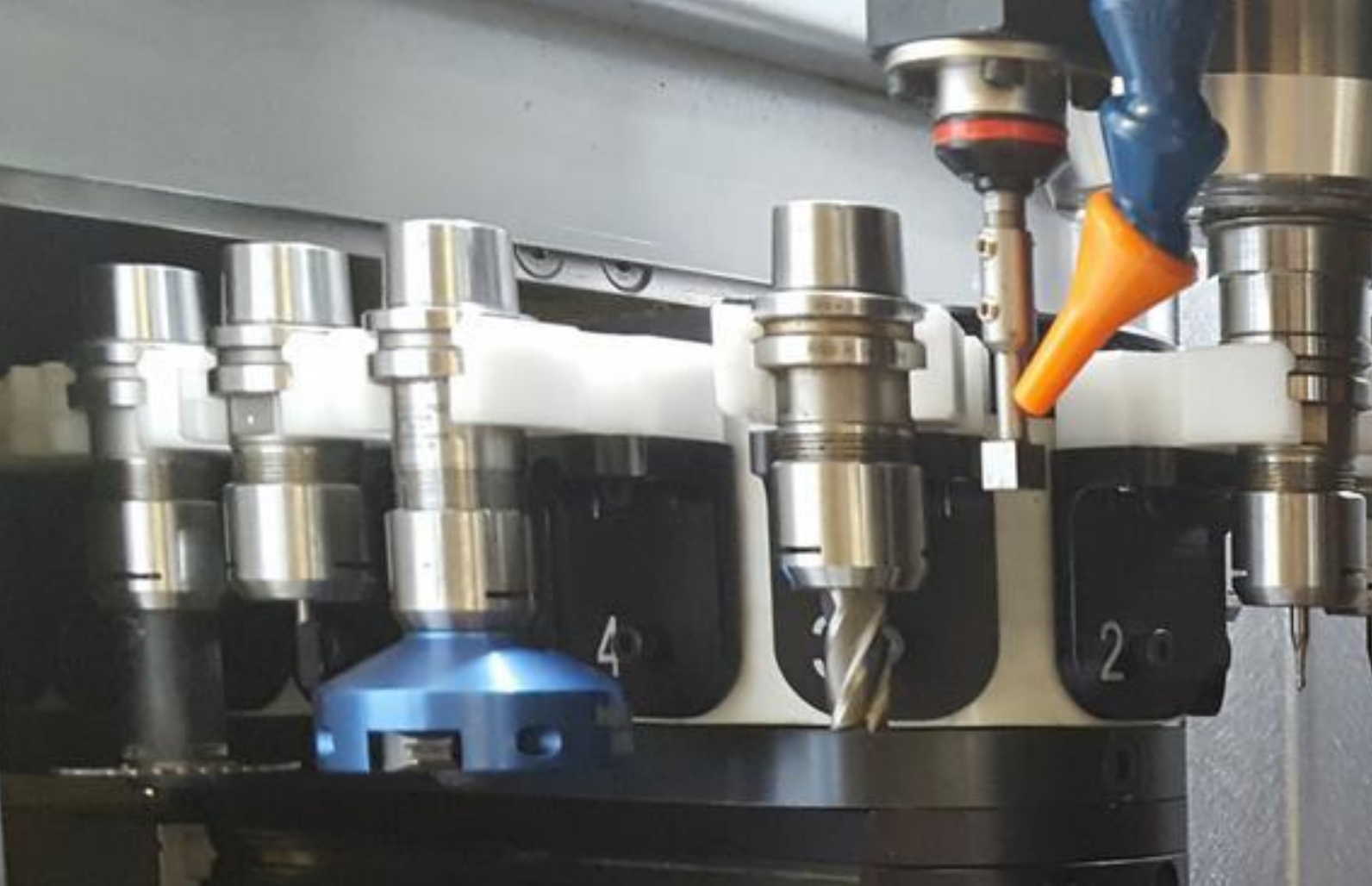
Check the application status online at the same website. The result will be received within 1 week after the application is made.

# 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:**  
**Department of Promotion, Marketing & Corporate Communication**

University College TATI (UC TATI)  
Kampus TATIUC, Teluk Kalong,  
24000 Kemaman, Terengganu  
MALAYSIA



+609 860 1130



[jpp@uctati.edu.my](mailto:jpp@uctati.edu.my)



[www.uctati.edu.my](http://www.uctati.edu.my)

Visit us:



**UCTATIoofficial**



**uctati\_official**



**@uctati**

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.