



Undergraduate 2026/2027 Session



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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

• STPM/STAM/ A-LEVEL

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).



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

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

Results

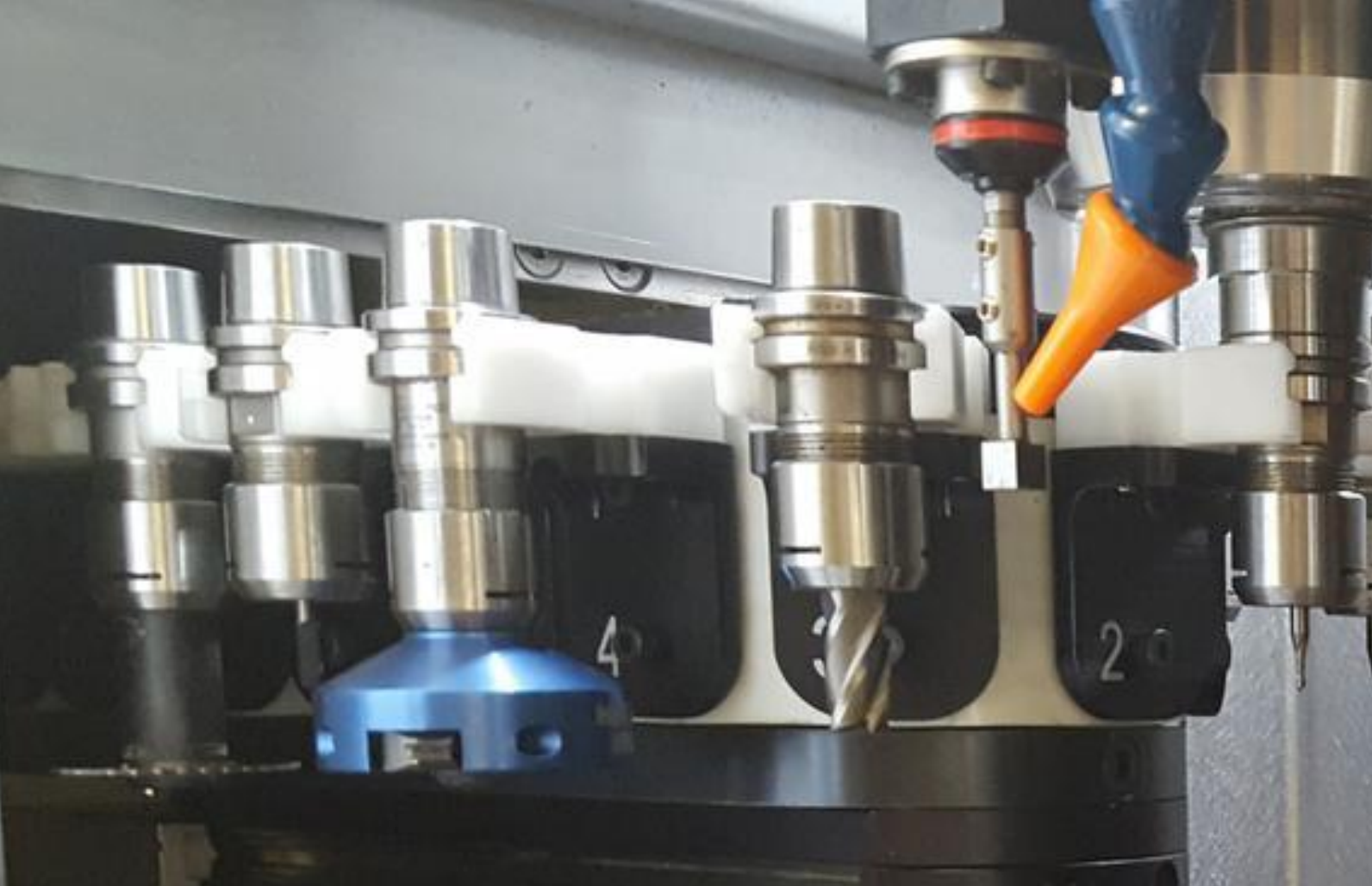
Step 3

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.