



Undergraduate

2025/2026 Session



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Diploma in Engineering Technology (Non-Destructive Testing)

R3/0714/4/0006(09/2029) - MQA/FA 15543
MBOT/FA/ME/0/01/0150

DIPLOMA IN ENGINEERING TECHNOLOGY (NON-DESTRUCTIVE TESTING)

INTRODUCTION

The Diploma in Engineering Technology (Non-Destructive Testing) is a course of study that is designed to conduct a wide group of analysis techniques in industrial sector to test metal materials and flaw detection such as oil and gas pipelines and various scientific fields. This programme prepares students to advance their career in the wide range industries of aircraft, trains and automobiles operating inspection, pipelines and chemical plants inspection and bridges construction inspection. Students will be able to work independently or in team and possess leadership qualities with positive attitudes and ethics to fulfill their duties towards the working culture and community.

MODULES

FIRST YEAR

CORE MODULES

- Introduction to Information Technology
- Technical Drawing
- Introduction to Non-Destructive Testing
- Welding Process
- Fundamental of Physics
- Manufacturing Process
- Liquid Penetrant Testing
- General Chemistry
- Material Science
- Electrical Technology
- Mathematics I
- Mathematics II
- English for Occupational Purposes 1
- English for Occupational Purposes 2



SECOND YEAR

CORE MODULES

- Radiographic Testing
- Eddy Current Testing I
- Ultrasonic Testing I
- Quality Tools and Management
- Metallurgy
- Health and Safety Risk Assessment
- Ultrasonic Testing II
- Magnetic Particle Testing
- Eddy Current Testing II
- Entrepreneurship
- Final Year Project
- English for Occupational Purposes 3



THIRD YEAR (FIRST SEMESTER) Industrial Training

Admission Requirements

QUALIFICATIONS

- **SPM/ O-Level**
Pass SPM or its equivalent, with at least credits in THREE (3) subjects including Mathematics and ONE (1) relevant science/ technical/ vocational subject AND pass in English, **OR**
- **STPM/ A-Level**
Pass STPM or its equivalent with a pass in Mathematics, English and ONE (1) relevant science/ technical/ vocational subject at the SPM level, **OR**
- **CERTIFICATE**
Recognised Certificate in Engineering/ Engineering Technology or its equivalent,

OR
Recognised related Vocational and Technical/ Skills Certificate or its equivalent, with ONE (1) year of relevant work experience in or a minimum of ONE (1) semester of a bridging programme

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

2.6 years (5 semesters)



Intakes

February/April/ July/ September



Full Time (Local)

Registration Fee: RM890.00
Semester Fee: RM5,512.00

Full Time (International)

Registration Fee: RM890.00
Semester Fee: RM7,872.00

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:
Department of Promotion, Marketing & Corporate Communication

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