



FACULTY OF  
MANUFACTURING  
ENGINEERING TECHNOLOGY



**DIPLOMA in MANUFACTURING  
ENGINEERING  
TOOL AND DIE MAKING**

R2/521/4/0009,4/2021,A6962

# DIPLOMA in MANUFACTURING ENGINEERING (TOOL AND DIE MAKING)

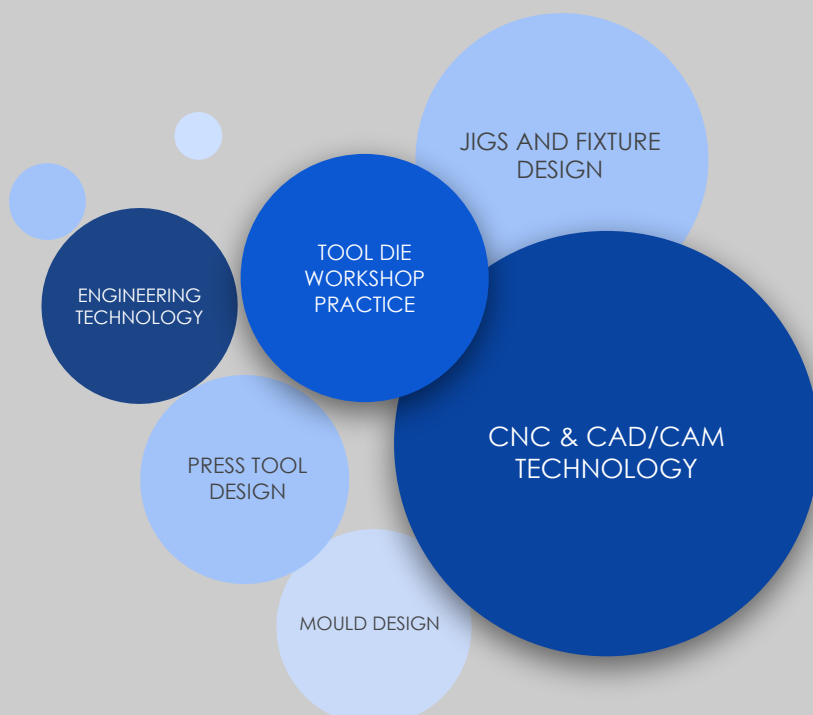


This programme focuses on manufacturing the mould and dies using the 'Hands-on' method. Students will learn to use various types of machine tools, and related softwares to produce mould and dies. Students will also learn high-technology machining such as Computer Numerical Control (CNC) and Computer Aided Design and Manufacturing (CAD/CAM). In terms of design, students will explore their creativity to produce mould and die designs in an actual production environment using Computer Aided-Design (CAD) and related softwares. Graduates of this programme are ready for the industrial market as they have better opportunities of being employed by various industries such as manufacturing, oil and gas, automotive, and others.

## PROGRAMME EDUCATION OBJECTIVE (PEO)

- A technical assistant who is knowledgeable and technically competent in tool and die making discipline in-line with the industry requirement.
- A technical assistant who is functioning effectively in an organization with excellent communication skills and demonstrate good leadership quality.
- A technical assistant who is ethical and professional in work with capability to solve well-defined tool and die making problem.
- A technical assistant who is capable in management, entrepreneurship and put into practice lifelong learning in professional development.

## CORE COURSES



## CAREERS

**82%**

DMTM students employed after graduation

In these following professions:

- Tool Designer
- Tool Maker
- Assistant Engineer
- Machinist
- Product Designer
- CNC Programmer

# PROGRAMME DURATION

MODE OF STUDY	Minimum Duration	Maximum Duration
Full Time	3 years	5 years

## ADMISSION

### ● ENTRY REQUIREMENTS

#### ENTRY REQUIREMENTS

Pass Sijil Pelajaran Malaysia (SPM)/ Sijil Pelajaran Malaysia Vokasional (SPMV) with at least three (3) credits in the following subjects:

- Mathematics;
- One (1) relevant science/ technical/ vocational subject; and
- Any other subjects

AND

- Pass in English

OR

Pass Sijil Tinggi Persekolahan Malaysia (STPM) or its equivalent with at least grade C (CGPA of 2.0) in one subject and pass in Mathematics, English and one (1) relevant science / technical / vocational subject at the SPM level or other equivalent certificates;

OR

Pass Vocational and Technical/ Skills Certificate or its equivalent (Level 3, MQF) with at least a CGPA of 2.0 and one (1) year of relevant work experience or a minimum of one (1) semester of bridging programme;

OR

Pass Certificate in Engineering/ Engineering Technology (Level 3, MCF) with at least a CGPA of 2.0;

OR

Any other equivalent qualifications recognized by the Malaysian Government

## INTERNATIONAL STUDENTS

### ● ENGLISH REQUIREMENTS

You must submit supporting evidence of your English language proficiency if your first language is not English, or if your previous education was not taught in English language. These are the following English requirements:

- International English Language Test (IELTS): **5.0**
- Test of English as a Foreign Language (TOEFL): **500**
- Or any other equivalent English language test

### ● VISA APPLICATION

The Malaysian Immigration Department requires 6 - 8 working weeks to process visa application. TATIUC International Student Centre will assist you in submitting the necessary application for student visa, upon approval of their application for admission into the programme and issuance of Letter of Acceptance.

Please contact International Office at +609-860 1073 or [ias@tatiuc.edu.my](mailto:ias@tatiuc.edu.my) for any enquiries regarding international student visa

# APPLICATION STEPS

## Step 1

Please ensure that you meet the entry requirements



## Step 2

For Malaysian students, apply online at <https://ecampus.tatiuc.edu.my/pelajar/indexssl.php>

For international students: submit your complete application form to [igs@tatiuc.edu.my](mailto:igs@tatiuc.edu.my)



## Step 3

**Malaysian students:** check your application status **online**

**International students:** please check your email regularly

## Step 4

### Malaysian students:

Please confirm your offer acceptance form via online system together with the proof of registration fee payment and a copy of Identification Card.

### International students:

Please send your offer acceptance form to [igs@tatiuc.edu.my](mailto:igs@tatiuc.edu.my). For visa assistance, please contact International Office at [igs@tatiuc.edu.my](mailto:igs@tatiuc.edu.my) or phone at +609-860 1073

### Note:

Incomplete application forms will not be processed.



## Mohd Amiruddin Mat Nor

(Diploma in Industrial Automation Engineering (Mechatronics))

AVIATION MECHANIC

Strata Manufacturing ABU DHABI

Graduates from Tool & Die Making program have high job marketability & are well-prepared to enter the reality of working environment.



### ENQUIRIES:

Consultation hours for programme enquiries are between 8.30 am - 4.30 pm from Sunday to Wednesday and 8.30 am - 3.00 pm (Thursday only)



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### DISCLAIMER:

The information in this prospectus is correct as of February 2018. Changes in circumstances after this date may alter the accuracy of the information. TATIUC reserves the right to change any information in this prospectus without prior notice.