



PROGRAMME DESCRIPTION

Diploma in Mechanical Engineering programmes is a discipline of engineering that follows the principles of physics and materials science for analysis, design, manufacturing and maintenance of mechanical systems. It equips students with more accessible and quality education and provides training to manufacturing or production personnel to meet the needs of manufacturing or production industry. This program helps the students to learn continuously, to accumulate new information and make use of that information to improve upon the technologies, to broaden the sphere of technology applications, to develop novel means of improving the environment and contribute to sustainable economy and improve the quality of life. After successful completion of Diploma in Mechanical Engineering course, students can either continue further Engineering studies in undergraduate level or get employment as junior levels as Production Engineers, Quality Control Engineers and Design Engineers and other such positions.

PROGRAMME AIM

The program of Diploma in Mechanical Engineering will produce Mechanical Engineering technicians, who are,

- Knowledgeable and skillful in using modern tools in the field of mechanical engineering.
- Professionals in the mechanical manufacturing industry to keep the modern society moving by inculcating values and ethics.
- Able to develop leadership role with good team work and communication for the planning and implementation of mechanical engineering services.
- Capable of using scientific thinking skill to solve the mechanical engineering problems and enhance lifelong learning through continuous professional development.
- Able to identify the business opportunities and develop managerial skill for career enhancement in the field of mechanical engineering.

DURATION

Minimum Duration : 42 Months.

Maximum Duration : 84 Months.

INTAKE

1. January 2. May 3. September

ENTRY REQUIREMENTS

1. Passed the Malaysian Certificate of Education (SPM) / Mathematics of Certificate of Mathematics (SPMV) with at least three credits in three (3) subjects including Mathematics and one Science / Technical / Vocational subject and pass English language subject; Or
2. Passed Unified Examination Certificate (UEC) with at least Grade B in three (3) subjects including Mathematics and one Science / Technical / Vocational subject and pass English language subject; Or
3. Passed O-Level with at least C grade in three (3) subjects including Mathematics and one Science / Technical / Vocational subject and pass English course points; Or
4. Passed Level 3 Malaysian Certificate of Skills (SKM) in related field and passed SPM with at least one credit in one (1) subject and passed the Mathematics masters program (for students who failed Mathematics); Or
5. Passed Community College Certificate equivalent to 3 MOH level in related field;
 - a) Passed SPM with at least one credit in one (1) subject and passed a Mathematical strengthening program (for students who failed Mathematics). Or

International student:

Test of English as a Foreign Language (TOEFL) score of 500 or International English Language Testing System (IELTS) score of 5.0 or equivalent.

1. Pass Vocational and Technical Certificate Skills equivalent to 3 MOH level with PNGK 2.0 and one (1) year experience in related field or one (1) semester reinforcement program; Or
2. Passed Certificate of Engineering / Engineering Technology (Level 3 KKM) with at least PNGK 2.0; Or
3. Passed the Malaysian High School Certificate (STPM) or equivalent with at least one grade C (NGMP 2.0) in one (1) subject and passed Mathematics, English and one (1) Science / Technical / Vocational subject at SPM level Or equivalent; Or
4. Passed the Malaysian Higher Certificate of Religion (STAM) rank maqbul; As well as pass the Mathematics, English and one (1) Science / Technical / Vocational subject at the SPM (or equivalent) level; Or
5. Other recognized qualifications are equivalent to that by the Government of Malaysia.
6. Test of English as a Foreign Language (TOEFL) score of 500 or International English Language Testing System (IELTS) score of 5.0 or equivalent.

For non-Malaysian citizens, please refer to the Malaysian Qualification Agency's (MQA) List of Overseas Qualifications & its equivalency with Malaysian Education System to see if you qualify for this course.



Call us :

1 300 880 111 (Malaysia)

+603 78063478 (International)



LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Sl.No.	Subject Name
1	Measurement and Instrumentation
2	Engineering Mechanics I
3	Electrical Technology I
4	Engineering Mathematics I
5	English I
6	Fluid Mechanics
7	Engineering Drawing and Graphics
8	Machine Design I
9	Malaysian Studies
10	Malay Language Communication 3
11	MPU 3163
12	English II
13	Engineering Mathematics II
14	Engineering Computing
15	Computer Aided Design
16	Engineering Lab I
17	Creative Problem Solving
18	Workshop Practices
19	Mechanics of Materials
20	Engineering Mechanics II
21	Thermodynamics
22	Entrepreneurship
23	Constitution and Community
24	Machine Design II
25	Electrical Technology II
26	Co-Curriculum
27	Material Structures and Properties
28	Management for Engineering Student
29	Hydraulics and Pneumatics
30	Engineering Lab II
31	Final Year Project
32	Industrial Training



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