



ISO 9001:2015 Certified

Bachelor of Mechanical Engineering Technology

with Honours

KPT/JPS (FA 4387) 08/26

PROGRAMME DESCRIPTION

The Program, Mechanical Engineering Technology is the broadest areas of engineering activity. It describes the application of principles of physics for analysis, design, manufacturing and maintenance of mechanical systems. It requires a solid understanding of core concepts including applied mechanics, application of engineering principles and technological developments to the creation of useful machinery or products. This programs designs of mechanical tools, machines, and products. The management area prepares students to manage people, resources, and systems related to mechanical engineering and manufacturing.





PROGRAMME AIM

The goal of the Mechanical Engineering Technology program is to provide students with the necessary training and education so they can provide high-level technical support to a variety of industrial, commercial, consulting, and governmental organizations.

PROGRAMME DURATION

Duration: 48 Months.

INTAKE AND ENTRY REQUIREMENTS

1. January. 2. May. 3. September.

Entry Requirements:

- STPM with a full pass in 2 subjects or equivalent with a minimum CGPA of 2.0 and a pass in SPM or equivalent with credits in mathematics; or
- A-Level pass with at least a pass in 2 subjects including mathematics and pass SPM or O-Level or equivalent with credits in mathematics; or
- Pass matriculation or foundation recognized program with a CGPA of 2.0; or
- > Unified Examination Certificate(UEO) pass with at least grade B in 5 subjects including mathematics and English; or
- Other qualifications recognized by the Government of Malaysia.
- > Graduate diploma in a related field with a minimum CGPA 2.0 and credit in Mathematics at SPM level; or

1 300 880 111 (Malaysia) +603 78063478 (International)

Call u

Web : www.lincoln.edu.my

E-mail: info@lincoln.edu.my

Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia. No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.





Bachelor of Mechanical Engineering Technology

Subject Name

i.

ii.

iii.

Machine Design

Mechanics of Machines 1 Plastics Product Design

Renewable Energy Processes

Safety and Health for Engineers

Entrepreneurship Development

Engineering Laboratory Year 3

Engineering

Mechanical System Design

Automation and Robotics

Research Methodology

Final Year Project 1

Final Year Project 2

i.

ii.

Mechanics of Machines 2

Computer Aided Design (CAD) 3

Engineering Laboratory Year 4

Thermodynamics

Elective (Choose any two modules from the following)

Mechanics of Machines

Finite Element Analysis in Mechanical Design

Mechanics of Machines

Strength of Materials

Human Factors in Design

Computer Programming

Project Management Quality Management

i.

ii.

iii.

Industrial Training

Community Service

Engineering Laboratory Year 2

Electronics

Control Systems

with Honours

SI. No.

27

28

29

30

31

32 33

34

35

36

37

38 39

40 41

42 43

44

45

46

47

48

49

50 51 KPT/JPS (FA 4387) 08/26

Engineering Materials and Manufacturing Processes

Measurement and Instrumentation

Engineering Thermodynamics and Heat Transfer

Elective (Choose any three modules from the following)

ISO 9001:2015 Certified

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

SI. No.	Subject Name
1	Engineering Mathematics 1
2	Computer Aided Design (CAD) 1
3	Thermodynamics
4	English 1
Elective (Choose any one module from the following)	
5	Islamic Civilization and Asian Civilization
6	Malay Communication 3
Elective (Choose any one module from the following)	
7	Ethnic Relations
8	Malaysian Studies 3
9	English 2
10	Engineering Mechanics
11	Engineering Mathematics 2
12	Fluid Mechanics
13	Leadership Skills and Human Relations
14	Engineering Graphics
15	Mechanics of Materials
16	Engineering Laboratory Year 1 i. Thermodynamics ii. Fluid Mechanics iii. Mechanics of Materials iv. Engineering Mechanics Design
17	Measurement and Instrumentation
18	Electronics 1
19	Probability and Statistics
20	Computer Aided Design (CAD) 2
21	Public Speaking
22	Malaysian Government and Public Policy
23	Electric Machine
24	Control System
25	Circuit Theory
20	Lightal Electronics

1 300 880 111 (Malaysia) +603 78063478 (International)

Call us

Web : www.lincoln.edu.my

E-mail: info@lincoln.edu.my

Wisma Lincoln, No. 12-18, Jalan SS 6/12, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.