

PROGRAMME DESCRIPTION

The Diploma in Aeronautical Engineering Technology (Aircraft Maintenance) program of Lincoln University College, Malaysia (LUC) deals with design, manufacturing, service, and testing of aircraft. The students also learn the techniques of operating an aircraft and rocket. The most important aspects of it are designing, maintenance, manufacturing, services, testing of aircraft like capability, components and various other parts. The various skills that can be gained by the course include Good numerical and mathematical skills, problem-solving skills, eye to details, good interpretation of figures, plans and machines.

PROGRAMME AIM

The program aims to provide the students with the skills and knowledge to create and maintain the machines as well as improve the quality of life for those who depend on and use them. Through this program the students will learn how to design, manufacture, maintain, operate and support all varieties of aerospace vehicles. It is a portion of aerospace engineering devoted solely to the mechanics of the flight of crafts operating inside the earth's atmosphere.

PROGRAMME DURATION

Duration: 36 Months (Full Time)

CAREER OPPORTUNITIES

Graduates can find jobs in the aviation industry, in government as well as private airlines. Along with the aviation industry, these graduates are hired by defense establishments for building and maintenance of defense aircraft.

- After completion of this course the students are expected to find jobs and work as:
- Design engineer
- Manufacturing engineer
- Aerospace designer
- Aircraft production manager

INTAKE AND ENTRY REQUIREMENTS

Intake: March, July, November

Entry Requirements

- Passed Certificate of Education Malaysia (SPM) with at least three credits in three (3) subjects, including Mathematics and one (1) Science / Technical / Vocational subject and graduated from English; or
- Graduated Unified Examination Certificate (UEC) with at least Grade B in three (3) subjects including Mathematics and one (1) Science/ Technical / Vocational linguistic subject and graduated English; or
- Passed O-Level with at least C grade in subjects including Mathematics and one (1) Science / Technical / Vocational linguistic subject and passed English; or
- Pass the Vocational and Technical Certificate / Equivalent Certificate (Level 3, MQF) with Cumulative grade point average (CGPA) of 2.00 and one (1) year experience in relevant field or at least one (1) semester reinforcement programme; or
- Pass Engineering Certificate / Engineering (level 3 MFQ) with at least CGPA of 2.00; or
- Other qualifications recognized by the Malaysian Government; or
- Accredited Certificate in Engineering, Engineering Technology, Technical or Malaysian Skills certificate level.
- Recognized related technical / vocational / skills qualification AND an adequate and relevant bridging programme.



Call us :

1 300 880 111 (Malaysia)

+603 78063478 (International)

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

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Sl.No.	Subject Name
1	Engineering Mathematics
2	Engineering Physics
3	English
<u>Elective (Choose any one module from the following two):</u>	
4	Malaysian Studies 2
	Malay Language Communication
5	Basic Engineering Drawing and Computer Aided Design
6	Fundamentals of Electrical
7	Electronics and Digital Techniques
8	Materials and Hardware
9	Aviation Legislation
10	Creative Problem Solving
11	Aerodynamics and flight controls
12	Material Engineering
13	Fundamentals of Gas Turbine and components
14	Aircraft Structures
15	Avionics 1
16	Constitution and Society
17	Gas Turbine Systems and Propulsion
18	Co-curriculum
19	Aviation Safety and Health
20	Aircraft Handling Practices
21	Aircraft Hydraulic and Pneumatic Systems
22	Avionics 2
23	Human Factors in Aviation
24	Aero plane air-conditioning & cabin pressurization systems
25	Workshop Maintenance Practices
26	Project Management
27	Final Year Project
28	Industrial Training

English Requirements

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 5.0 or its equivalent. If a student does not meet this requirement, HEPS must offer English proficiency courses to ensure that the student's proficiency is sufficient to meet the needs of the programme.



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