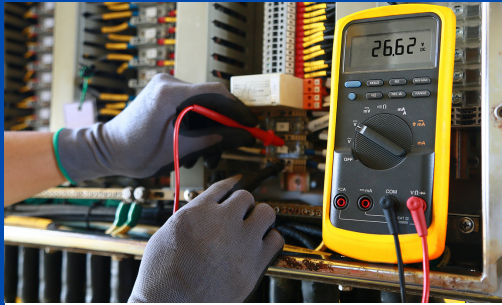


FOUNDATION IN PHYSICAL SCIENCE (FIPS)

MQA/PA 14649



UNIVERSITY COLLEGE of
AVIATION MALAYSIA



Duration : 1 year

Requirements : Pass SPM/ SPMV with at least credit or grade C in any 5 subjects; or Pass UEC with at least grade B in any 3 subjects; or Pass O-Level with at least grade C in any 5 subjects; or Any equivalent qualifications.

MQA Code : MQA/PA 14649

Program Information

Foundation in Physical Science program is a pre-university course that aims to equip students with the fundamental knowledge and skills to pursue a science-related undergraduate degree. This program primary objective is to prepare our students for admission into science-grounded university degree paths in aviation information science and engineering programmes. This program builds the fundamental skills and knowledge of students in avionics, basic electrical and electronic, aerodynamic and OSH Management.

Program Aims

- Knowledge and comprehension to identify and apply data in response to concrete and complex problems
- Knowledge and practical skills in fundamental sciences, mathematics and information technology for their pursuance of undergraduate studies
- Critical, analytical, collaborative and communication skills
- Innovative and committed to the importance of lifelong learning and continuous improvement.

Core Courses

- FEL 1104 Basic English Language
- FCO 1104 Computer Application Basics
- FMA1204 Mathematics
- FPH 1204 Physics
- FCT 1203 Critical & Creative Thinking
- FEC 1204 Electronic Fundamental
- FDE 1204 Digital Electronic Instrument Systems
- FEL 1304 Electrical Fundamentals
- FBA 1303 Basic Aerodynamics
- FOS 1304 OSH Management System

Further Studies Opportunities

- Bachelor in Airlines & Airport Management
- Bachelor in Business Administration
- Bachelor in Aviation
- Bachelor of Aviation Management

aviation.edu.my/fips