



# AeroVision International College

Blk 808 French Road #03-21, Singapore 200 808

SSG REG NO: 201914637C Validity: XXX 2025 to XXX 2027



## Program Overview:

The Diploma in Mechanical & Electrical Engineering is structured on a flexible and diverse system that allows our students to learn from a broad range of topics to receive a holistic exposure while maintaining high academic standards. Our students will learn the basic concepts in mathematics, science and fundamental engineering principles.

### Course Outline

Code	Module	Contact Hrs	Assessment Method
M&E01	Engineering Principles: Foundation in mechanical and electrical engineering principles, including static and dynamic systems and DC theory.	20	70% Course Work & 30% Written Exam
M&E02	Electrical Systems: Analysis of AC and DC circuits, power systems, and electrical control panels.	20	70% Course Work & 30% Written Exam
M&E03	Mechanical Systems: Fluid mechanics, strength of materials, pumps, motors, air handling units, and ductwork.	20	70% Course Work & 30% Written Exam
M&E04	Plumbing & Fire Protection: Water supply and distribution, sewerage, drainage and fire protection systems.	20	70% Course Work & 30% Written Exam
GM01	Project Management: Project scheduling, contract administration, site organization, and work practices.	20	70% Course Work & 30% Written Exam
GM02	Safety & Risk Management: Fundamental knowledge of safety practices and risk management in an engineering context	20	70% Course Work & 30% Written Exam

<b>Programme Fees (Part-time)</b>	
Registration Fee (Non-Refundable 1 Time payment)	S\$100
Course Fee	\$1600
Total Fees	S\$1700

Course Duration: 7 Months	Total Contact Hours: 120hrs
Weekend Classes (Sun/ Sat)	5hrs (430pm-9:30pm)

## Entry Qualification

- With minimum 3 GCE 'O' level or International Secondary including English

or

- English language proficiency: GCE 'O' level or equivalent

(In India, the Indian Certificate of Secondary Education (ICSE) and Central Board of Secondary Education (CBSE) Class 10 examinations are generally considered the closest equivalents to the GCE O-Level (or GCSE). These are typically taken by students in the 14-16 age range.)

(In Malaysia, the Sijil Pelajaran Malaysia (SPM), or Malaysian Certificate of Education, is the equivalent of the GCE O-Level. It is the national examination taken by all Form 5 secondary school students in Malaysia and is comparable to the GCE O-Level in the Commonwealth)

(In Bangladesh, the GCE O-Level is roughly equivalent to the International General Certificate of Secondary Education (IGCSE), offered by both Cambridge Assessment International Examinations (CAIE) and Pearson Edexcel. These qualifications are administered by the British Council and are considered a replacement for the local SSC (Secondary School Certificate)

or

- Working Experience: Matured candidate (i.e. minimum 30 years old with 8 years of working experience) with another any relevant certificate qualification such as supervisory course which has WPLN Level 5 as an entry requirement is generally accepted as equivalent to four GCE 'O' Level passes in Singapore. A WPLN assessment with a Level 5 or higher in all five components (Reading, Listening, Speaking, Writing, and Numeracy) is considered equivalent)

## Certification:

Diploma in Mechanical & Electrical Engineering will be awarded by AeroVision International College



**Contact**  
**12345678**



**Lavender MRT Station**

**Location QR Code**

