



ADVANCED DIPLOMA IN MECHANICAL ENGINEERING (ADME)

For Whom

The course is targeted to the candidates who are seeking broad-based Mechanical Engineering knowledge or a career in the mechanical, manufacturing and production sectors. For those already involved in Mechanical Engineering works may perform effectively and excel by applying the acquired knowledge.

Entry Requirement

- Diploma in Mechanical Engineering (awarded by Eversafe Academy) or other recognized Diploma from other institutions. (or)
- Minimum Grade E in any 3GCE 'A' Level, including English and 2 Science subjects or equivalent: Minimum C6 in any 3GCE 'O' Level including English and 2 Science subjects (Grade C6 and above) with 3 years working experience in the engineering field (or)
- Work Experience Matured Candidate with other relevant certificate qualification with 5 years of work experience (or)
- Workplace Literacy and Numeracy (WPLN) Assessments level 6 passes conducted by Eversafe Academy or other recognized institutions will be considered case to case basis

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Course Overview

The Mechanical Engineering sector provides an encouraging environment where various skills and knowledge are incorporated to develop not only innovative products, but also the infrastructure and technology to manufacture those products.

Mechanical engineers are in constant demand, as they are able to venture into different industries like technology for manufacture, infrastructure, buildings, transportation, energy, and mechanical equipment.

This programme covers the topics Advanced Manufacturing Technology, Advanced Strength of Materials for Mechanical Engineers, Advanced Fluid Mechanics and Machinery, Advanced Material Science and Metallurgy, Kinematics and Dynamics of Machines, Advanced Thermodynamics, Applied Hydraulics and pneumatics and Computer-Aided Design and Manufacturing . These modules are essential in understanding the foundation of design and operations, and in pursuing an engineering career.

Course Module

- ADME 01: Advanced Manufacturing Technology
- ADME 02: Advanced Strength of Materials for Mechanical Engineers
- ADME 03: Advanced Fluid Mechanics and Machinery
- ADME 04: Advanced Material Science and Metallurgy
- ADME 05: Kinematics and Dynamics of Machines
- ADME 06: Advanced Thermodynamics
- ADME 07: Applied Hydraulics and pneumatics
- ADME 08: Computer-Aided Design and Manufacturing

Course Duration

- Full Time: 344 hrs (One Year) including Assessment
- Part Time: 344 hrs (One Year) including Assessment

Weekly Schedule: 8 Hrs Per Week – Part Time (without break in between Modules)
15 Hrs Per Week – Full Time (With break in between Modules)

Medium of Instruction

English

Teaching Methodology

Face to face classroom teaching / Online

Learning Environment

Our ergonomically designed classrooms are fully air-conditioned, equipped with whiteboards; audio/video equipment's and free wi-fi

Qualification or experience of facilitators

A facilitator & assessor of this course will possess the following:

1. Bachelor Degree in Mechanical Engineering or Master Degree in Mechanical Engineering
2. At least 5 years of relevant working experience in the field of Mechanical Engineering works

ADVANCED DIPLOMA IN MECHANICAL ENGINEERING (ADME)

Key Person In-charge

Monish V (Administrative Manager)

Class Size

Maximum 25

Facilitator/Learner Ratio

1:25 for Theory Lesson & Assessment

Course Attendance Minimum

75% attendance | (90% attendance for International Students)

Assessment Advice

Passing Mark: Minimum 50 % (Theory: Minimum 35% & 15% Assignment)

Course Fee Inclusive of GST

S\$3488

Funding & Claims

NA

Miscellaneous Fee

PURPOSE OF FEE	AMOUNT WITH GST
<ul style="list-style-type: none">• Course Application Fee	S\$54.5
<ul style="list-style-type: none">• Late Payment Fee	S\$109
<ul style="list-style-type: none">• Deferment Administration Fee	S\$109
<ul style="list-style-type: none">• Course Transfer Administration Fee	S\$109
<ul style="list-style-type: none">• Supplementary Class (Tuition) / Make up Class Fee (Per Hour)	S\$43.6
<ul style="list-style-type: none">• Supplementary Examination Fee (Per Module)	S\$109
<ul style="list-style-type: none">• Appeal Evaluation Fee	S\$21.8

ADMINISTRATIVE FEE (APPLICABLE TO INTERNATIONAL STUDENTS)	AMOUNT WITH GST
<ul style="list-style-type: none">• Medical Insurance	S\$87.2
<ul style="list-style-type: none">• Administrative Fee for Student Pass Application	S\$54.5
<ul style="list-style-type: none">• ICA Application Fees	S\$30
<ul style="list-style-type: none">• ICA issuance Student Pass Application Fees	S\$90

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Awarded by

This academy is registered under PEI and awarded by Eversafe Academy Pte Ltd

Certification

- Based on the successful completion of the course and assessment, a certificate of achievement endorsed by Eversafe Academy Pte. Ltd., will be awarded to the trainee
- E-cert Available

The certificate of achievement will be issued to all the participants by the Eversafe Academy Pte. Ltd upon fulfilling the following graduation requirements:

- Passing the individual module by obtaining the minimum of 50% of marks for each module
- Passing all the modules in the course
- Course fee paid in full
- Minimum overall attendance of 75% for each module and the entire course

Course Venue

- 2 Kampong Kapur Road Little India Near, Jalan Besar, MRT Station Exit B, Singapore 208674
- 3 Soon Lee Street, #04-14/16&17, Pioneer Junction, Singapore-627606

Renewal Points for professionals

NA

Registration Venue

No. 2, Kampong Kapur Road, Little India, Near Jalan Besar, MRT Station Exit B, Singapore - 208674

No. 3, Soon Lee Street, #04-14/16 & 17, Pioneer Junction, Singapore - 627606.

No. 2, Joo Koon Road, Singapore - 628966.

No. 2, Wan Lee Road, Singapore - 627934.



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SOP-64-F-06 (ADME) Course Brochure, Ver 1.00 Rev 00, 01st Mar 2024



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