



# ADVANCED DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING (ADEEE)

## For Whom

The course is targeted to the candidates who wish to work with Electrical Machines, Electrical Power System, Microprocessor and Microcontroller, Programmable logic controller, Circuit Analysis and Design and workplace safety.. For those already involved in electrical Engineering works may perform effectively and excel by applying the acquired knowledge.

## Entry Requirement

- The student must be at least 18 years old
- Diploma in Electrical and Electronics Engineering (awarded by Eversafe Academy) or other recognized Diploma from other institutions and
- Minimum 3 'O' Level or equivalent qualifications, including English and any 2 Science subjects (or)
- International secondary level qualifications with English, Mathematics and Science (or)
- Mature-aged student 30 years and above with at least 8 years of working experience (or)
- Other Candidates with industry experience will be considered on a case-by-case basis.

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## Course Overview

Electrical Engineering is the branch of engineering which deals with the study of application of electricity and electronics. Trained electrical engineers design electric and electronic circuits and equipment.

Electrical and electronic Engineering is spread across a range of specialties such as designer and technology developer, automobiles to vehicular technology, This programme covers the topics Design of Digital Logic Circuits, Electron Devices and Circuits with power rating, Power Plant Engineering, Transmission and Distribution of Power, Linear Integrated Circuits and Applications, Special Electrical Machines, Protection and Switchgear and Utilization and Conservation of Electric power. These modules are essential in understanding the foundation of design and operations, and in pursuing an engineering career.

## Course Module

- ADEEE 01: Design of Digital Logic Circuits
- ADEEE 02: Electron Devices and Circuits with power rating
- ADEEE 03: Power Plant Engineering
- ADEEE 04: Transmission and Distribution of Power
- ADEEE 05: Linear Integrated Circuits and Applications
- ADEEE 06: Special Electrical Machines
- ADEEE 07: Protection and Switchgear
- ADEEE 08: Utilization and Conservation of Electric power

## 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 and free wi-fi

## Qualification or experience of facilitators

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

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

# ADVANCED DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING (ADEEE)

## Key Person In-charge

Mr. Monish V (General Manager - Corporate Support Division)

## 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"><li>• Course Application Fee</li></ul>	S\$54.5
<ul style="list-style-type: none"><li>• Late Payment Fee</li></ul>	S\$109
<ul style="list-style-type: none"><li>• Deferment Administration Fee</li></ul>	S\$109
<ul style="list-style-type: none"><li>• Course Transfer Administration Fee</li></ul>	S\$109
<ul style="list-style-type: none"><li>• Supplementary Class (Tuition) / Make up Class Fee (Per Hour)</li></ul>	S\$43.6
<ul style="list-style-type: none"><li>• Supplementary Examination Fee (Per Module)</li></ul>	S\$109
<ul style="list-style-type: none"><li>• Appeal Evaluation Fee</li></ul>	S\$21.8
ADMINISTRATIVE FEE (APPLICABLE TO INTERNATIONAL STUDENTS)	AMOUNT WITH GST
<ul style="list-style-type: none"><li>• Medical Insurance</li></ul>	S\$87.2
<ul style="list-style-type: none"><li>• Administrative Fee for Student Pass Application</li></ul>	S\$54.5
<ul style="list-style-type: none"><li>• ICA Application Fees</li></ul>	S\$30
<ul style="list-style-type: none"><li>• ICA issuance Student Pass Application Fees</li></ul>	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 Kapor 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 Kapor 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 (ADEEE) Course Brochure, Ver 1.00 Rev 00, 01st Mar 2024



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