



SINGAPORE  
WORKFORCE SKILLS  
QUALIFICATIONS

A Diploma Programme  
awarded by the Singapore  
Institute of Aerospace Engineers

# SPECIALIST DIPLOMA IN AIRCRAFT MAINTENANCE & ENGINEERING (SAME)

spur  
Skills Programme  
for Upgrading & Resilience



## Course Description

The Specialist Diploma in Aircraft Maintenance and Engineering (SAME) is a diploma programme awarded by The Singapore Institute of Aerospace Engineers\*\* (SIAE) and conducted by Air Transport Training College (ATTC) \*\*.

The SAME programme fully meets the requirements of skills required for the aerospace industry as well as providing you with the basic knowledge needed to be employed in an aircraft line maintenance environment. This SAME programme also prepares you to sit for the Civil Aviation Authority of Singapore (CAAS) Cat A1 certifying personnel examination.

This Diploma is an WSQ approved course which integrates the modules of WSQ Higher Certificate in Aerospace Maintenance's with specialization in Aircraft Maintenance (Mechanical).

This is a Civil Aviation Authority of Singapore (CAAS) approved SAR 66 Cat A1 course.

This course is also approved by the Maldives Civil Aviation Department for MAR 66 Cat A1.

\*\* SIAE is a non-profit Professional Institution

\*\*\* ATTC is the Professional Development Centre of SIAE, and is an Approved Training Organisation by the Civil Aviation Authority of Singapore (CAAS)

## Career Prospect

Students who graduate with the diploma and obtained the CAAS SAR 66 Cat A1 Licence\* will find prospect for employment in the Aerospace industry locally and internationally.

\* One year of relevant aircraft experience is required

## Admission Requirements

- i. Minimum GCE 'O' Level with credits in English & Mathematics / Physics OR
- ii. NITEC in relevant discipline OR
- iii. Other equivalent qualifications from recognized institutions can be considered on a case by case basis
- iv. Pass in English Language Proficiency Examination (For foreign students from non-English medium school or institution).

## Course Duration

Full-time : 1 year (2 semesters)

## Fees

- 1) Registration Fee : SGD160 + 7% GST
- 2) Processing Fee : SGD300 + 7% GST  
(for international students)
- 3) Course Fee : SGD18,500\* + 7% GST

\* WDA subsidy up to 90% of course fee (age above 40), otherwise is 80%  
Applicant must be a Singapore Citizen or Permanent Resident.

## Disclaimer

The information provided is the most current during print time. However ATTC has the right to make any changes to course fees, course syllabus, duration and admission requirements without notice.



**Air Transport Training College**  
Professional Development Centre of the Singapore Institute of Aerospace Engineers

## Course Syllabus

Module Code	Module Name
AM01	Mathematics
AM02	Physics
AM03	Electrical Fundamentals
AM05	Digital Techniques/ Electronic Instrument Systems
AM06	Aircraft Materials and Hardware
AM07	Maintenance Practices
AM08	Aerodynamics
AM09	Human Factors
AM10	Aviation Legislation (Singapore)
AM11A	Turbine Aeroplane Aerodynamics, Structures and Systems
AM15	Gas Turbine Engine
AM17	Propeller
MA1	Higher Mathematics
MA2	Basic Computer Knowledge and Applications
MA3	Quality and Productivity Systems
MA4	Report Writing and Presentation

## Workshop and Hanger Modules

Unit Code	Unit Name
P100	Basic Aircraft Maintenance Skills
P200	Aircraft Maintenance Experience

## WSQ Competency Units (Integrated)

Unit Code	Unit Name
IU1	Basic Aircraft Safety Practices and Documentation
SU1	Aircraft General Maintenance
EU1	Maintain Airframe Systems
EU2	Maintain Aircraft Fuel and Engine Systems
EU3	Aircraft Structural Works (Sheet Metal)
EU4	Aircraft Structural Works (Composite)
EU5	Maintain Aircraft Cabin Equipment and Furnishing

Approved by:

To apply for admission into the Specialist Diploma programme, please obtain the application form from:

## Air Transport Training College

190 Changi Road #04-01 MDIS Building, Singapore 419974

Tel: (65)6346 0311 Fax: (65)6346 0115

Email: sales@attc.edu.sg Website: <http://www.attc.edu.sg>