

# Specialist Diploma in Aircraft Maintenance & Engineering (SAME)



## Course Description

The Specialist Diploma in Aircraft Maintenance and Engineering (SAME) is a Diploma Programme conducted by Air Transport Training College (ATTC)\*\*\*, the Professional Development Centre of the Singapore Institute of Aerospace Engineers (SIAE)\*\*.

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 a WSQ approved course which integrates the modules of WSQ Higher Certificate in Aerospace with specialisation in Aircraft Maintenance (Mechanical).

This SAR-66/ MCAR66 Cat A1 course is approved by the following authorities:

- Civil Aviation Authority of Singapore (CAAS)
- Civil Aviation Department of Maldives (MCAD)

\*\* SIAE is a not for 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), and the Civil Aviation Department of Maldives.

## Career Prospect

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

\* One year of additional relevant Aircraft Maintenance Experience is required

## Admission Requirements

- Minimum GCE 'O' Level with credits in English, Mathematics and Physics OR
- NITEC in relevant Engineering discipline OR
- Other equivalent qualifications from recognised institutions

## Course Duration

Full-time: 1 year

## Course Fee

- Application Fee: S\$214.00 (non-refundable)
- Course Fee after funding by WDA: S\$5,938.50

(WDA funding is only applicable for Singapore Citizens or Singapore Permanent Residents)

Up to  
**70%**  
subsidy

All fees quoted above are inclusive of 7% GST



**Air Transport Training College**

Professional Development Centre of the Singapore Institute of Aerospace Engineers

ERF Registration Number: 199901790H

From 6 August 2010 to 5 August 2014



Civil Aviation Authority of Singapore

**CALL (+65) 6603 6603 For Enquiries**

**Email: [sales@attc.edu.sg](mailto:sales@attc.edu.sg)**



## Course Syllabus

Module Code	Module Name
AM01	Mathematics
AM02	Physics
AM03	Electrical Fundamentals
AM05	Digital Techniques / Electronic Instrument Systems
AM06	Materials and Hardware
AM07	Maintenance Practices
AM08	Basic 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 & Presentation

## Workshop & Hangar Modules



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

## WSQ Competency Units (Integrated)



Unit Code	Unit Name
AR-CCU-201C-1	Perform Basic Aircraft Safety Practices and Documentation
AR-CCU-201G-1	Perform Aircraft General Maintenance Activities
AR-AMM-201E-1	Maintain Airframe Systems
AR-AMM-202E-1	Maintain Aircraft Fuel and Engine Systems
AR-CCU-201E-1	Maintain Sheetmetal Structures
AR-CCU-202E-1	Maintain Composite Structures
AR-AMM-203E-1	Maintain Aircraft Cabin Equipment and Furnishing

Approved by:



The information contained in this brochure is correct as of 02 December 2011 and is subject to change without notice. ATTC reserves the right to make changes to the programme structure, admission requirements, course fee, examination rules and regulations, lecturers, dates and venue of lectures.

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

