

Specialist Diploma in Aircraft Maintenance & Engineering (SAME)



(This brochure is applicable only for international students)

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 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
- Other equivalent qualifications from recognised institutions can be considered on a case by case basis
- For foreign students from non-English medium school or institution, IELTS 5.5 or equivalent is required

Course Duration

Full-time: 1 year (2 semesters)

Course Fee

- Application Fee : SGD535.00 (non-refundable)
- Course Fee : SGD18,500.00 + 7%GST = SGD19,795.00
(2 payment needs to be paid over two semesters prior to class commence)

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



CALL (+65) 6603 6603 For Enquiries

Email: 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



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

WSQ Competency Units (Integrated)



Module Code	Module Name
IU1	Perform Basic Aircraft Safety Practices and Documentation
SU1	Perform Aircraft General Maintenance Activities
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

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:

