

# Specialist Diploma in Aircraft Maintenance & Engineering (SAME)



(This brochure is applicable only for local students)

**MAR / SEP INTAKE**

## Course Description

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

This 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 training will also prepare you for the Civil Aviation Authority of Singapore (CAAS) Cat A1 certifying personnel examination.

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

The SAME course incorporates the Basic Training for Category A1 of Part 66 of the Singapore Airworthiness Requirements of CAAS. Upon successful completion of the Basic Training, you need to complete only 1 year (instead of 3 years) of practical maintenance experience which is one of the requirements to qualify for a CAAS Category A aircraft maintenance licence.

As the Basic Training is also approved by the Maldives Civil Aviation Authority (MCAA), upon successful completion of the Basic Training, you similarly need only to complete 1 year (instead of 3 years) of practical maintenance experience to qualify for a MCAA Category A aircraft maintenance licence. Additionally, MCAA also exempts you from the relevant Category A basic module examinations.

\* SIAE is a non profit Professional Institution

## Career Prospect

Students who graduate with Specialist Diploma in Aircraft Maintenance and Engineering (SAME) and obtained the CAAS SAR-66 Cat A1 Licence\*\* will find prospect for employment in the Aerospace industry locally and internationally.

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

## Admission Requirement

GCE 'O' Level with credit in English, Mathematics, and Science [Combined Science, Physical Science, Physics, Science (Physics, Biology), Science (Physics, Chemistry)] OR NITEC / Higher NITEC in relevant Engineering discipline OR Other equivalent qualifications from recognized engineering institutions

## Application Hours

Monday to Friday: 9.00am to 10.30am  
2.00pm to 4.00pm

## Course Duration

Full-Time: 1 year  
Monday to Friday: 9.00am to 5.00pm

## Course Fee (S\$20,370)

- Application Fee: S\$200 (non-refundable)
- Course Fee: S\$6,111 after SSG funding

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

**All fees quoted above are exclusive of GST**

**Course Commencement is subjected to the minimum number of participants**



**Air Transport Training College**

Professional Development Centre of the Singapore Institute of Aerospace Engineers

ERF Registration Number: 199901790H

From 6 August 2014 to 5 August 2018

**DID: (+65) 6603 6603 (Sales & Marketing)**

**Main: (+65) 6603 6600**

**Email: [enquiry@attc.edu.sg](mailto:enquiry@attc.edu.sg) (Sales & Marketing)**



## 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, Structure and Systems
AM15	Gas Turbine Engine
AM17	Propeller
MA1	Higher Mathematics
MA2	Basic Computer Knowledge and Application
MA3	Quality and Productivity Systems
MA4	Report Writing and Presentation

## Workshop & Hangar Modules



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

## WSQ Competency Units (Integrated)



Unit Code	Module Name
WSQ CU AR-CCU-201C-1	Perform Basic Aircraft Safety Practices and Documentation (WSQ IU1)
WSQ CU AR-CCU-201G-1	Perform Aircraft General Maintenance Activities (WSQ SU1)
WSQ CU AR-AMM-201E-1	Maintain Airframe Systems (WSQ EU1)
WSQ CU AR-AMM-202E-1	Maintain Aircraft Fuel and Engine Systems (WSQ EU2)
WSQ CU AR-CCU-201E-1	Maintain Sheetmetal Structures (WSQ EU3)
WSQ CU AR-CCU-202E-1	Maintain Composite Structures (WSQ EU4)
WSQ CU AR-AMM-203E-1	Maintain Aircraft Cabin Equipment and Furnishing (WSQ EU5)



The information contained in this brochure is correct as of **1 June 2017** 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 in Aircraft Maintenance and Engineering (SAME), please apply personally at the college.

Supported by:

SKILLSfuture SG



Cert No: EDU-2-2031  
Validity: 28Dec2015 to 27Dec2019

# Academic Progression Pathway



**Career Opportunities in Aviation Industry (4.8 years)**

**MAR / SEP Intake 1 Year Full Time      MAR / SEP Intake 2 Years Part Time**

Accredited by:



**Bachelor of Science (Honours)  
Aircraft Engineering – Top Up**

**Kingston University London**

**\$S\$20,000**

Qualifying Entrance Exam

**Compulsory Bridging Course**

**\$S\$981**

**MAR / SEP Intake 2 Years to 2.5 Years Full Time**

WSQ Aligned:



Supported by:



**Foundation Degree in  
Aircraft Engineering (FdEng)**

**Kingston University London**

**\$S\$49,350** (S\$24,350\*)

Qualifying Entrance Exam

**Compulsory Bridging Course**

**\$S\$817.50**

**MAR / SEP Intake 1 Year Full Time**

WSQ Aligned:



Supported by:



**Specialist Diploma in Aircraft  
Maintenance & Engineering (SAME)**



**\$S\$20,370** (S\$6,111\*)

Acceptance to SAME course based on Performance

**MAR / SEP Intake 8 Months Full Time**

**\$S\$15,750**

**MAR / SEP Intake 1.5 years Part Time**

**Applied Diploma in  
Aerospace Maintenance (ADAM)**



(S\$2,750\*)

WSQ Aligned:



**Applied Diploma in  
Aerospace Maintenance (ADAM)**



Fees shown are excluding of GST

**\*Note: SSG funding is only applicable to all Singapore Citizens and Singapore Permanent Residents, PSEA Applicable**



# Air Transport Training College

Professional Development Centre of the Singapore Institute of Aerospace Engineers



+65 6603 6603 (Sales & Marketing)



+65 6603 6600 (Main Line)



enquiry@attc.edu.sg (Sales & Marketing)



www.attc.edu.sg

## Course Application Hours

Monday to Friday: 9.00am to 10.30am, 2.00pm to 4.00pm

SKILLS *future* SG

**CAAS**

Civil Aviation Authority of Singapore



MALDIVES CIVIL AVIATION AUTHORITY

ދިވެހިސަރުކާރުގެ ގެޒެޓް ގައި ބަޔާންކޮށްފައިވާ ސަރުކާރުގެ ޔުއުކްސާތް



Cert No: EDU-2-2031  
Validity: 28Dec2015 to 27Dec2019



FS 99759  
ISO 9001:2008

For more information on SkillsFuture Singapore:  
[www.skillsfuture.sg](http://www.skillsfuture.sg)