

Applied Diploma in Aerospace Maintenance (ADAM)



Course Description

Applied Diploma in Aerospace Maintenance (ADAM) is developed to meet the industry's need for more non-certifying aerospace technicians. It was contextualized to comply partially with the SAR-66 Category A syllabus prescribed by CAAS for Aircraft Maintenance Licensing. The contextualization also incorporates elements of SkillsFuture Singapore aviation-related Workforce Skills Qualifications (WSQ) competency units in the programme. Students must meet the attendance requirement of 85% per module before they can sit for their examination.

Career Prospect

Upon successful completion, the candidate will be awarded the "Applied Diploma in Aerospace Maintenance" issued by ATTC.

On completion of the full suite of Aerospace WSQ SOAs, the candidate will be awarded the Higher Certificate in Aerospace Maintenance (Aircraft Maintenance - Mechanical) issued by SkillsFuture Singapore.

Admission Requirement

Singaporeans and Singapore PR only

- 3 GCE 'N' Level passes with credit in English, Mathematics and Physics or NITEC in relevant disciplines or equivalents

International only

- Cambridge equivalent GCE 'N' Level with credit in English, Mathematics, Science [Combined Science, Physical Science, Physics, Science (Physics, Biology), Science (Physics, Chemistry)]
- Other equivalent qualifications from recognised engineering institutions
- For foreign applicants from non-English medium school or institution, IELTS 5.0 or equivalent is required

Course Duration

| | |
|----------------------------|-------------------|
| Full-time: | 8 Months |
| Monday to Friday: | 9.00am to 5.00pm |
| Part-time: | 1.5 years |
| Monday, Wednesday, Friday: | 7.00pm to 10.00pm |

(Part-time classes will be conducted on some Saturday)

Course Fee (S\$15,750) (Singaporeans & Singapore PR only)

- Application Fee: S\$200 (non-refundable)
- Course Fee: S\$2,750 (full-time & part-time) after SSG funding
- Full-time (1 payment): S\$2,750
- Part-time (2 payments): S\$1,830 (1st payment) + S\$920 (2nd payment & due 1 year after 1st payment) = S\$2,750

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

Course Fee (International with work permit only)

- Application Fee (full-time): S\$500 (non-refundable)
- Application Fee (part-time): S\$200 (non-refundable)
- Course Fee (2 payments) : S\$10,500 (1st payment) + S\$5,250 (2nd payment & due 1 year after 1st payment) = S\$15,750

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 2018 to 5 August 2022

WhatsApp: 8494 8180

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

Main: (+65) 6603 6600

Email: 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 |
| SS | Study Skills |
| CP100 | Practical Module |

WSQ Competency Units (Integrated)



| Unit Code | Module Name |
|---------------|---|
| AR-CCU-201C-1 | WSQ IU1 Perform Basic Aircraft Safety Practices and Documentation |
| AR-CCU-201G-1 | WSQ SU1 Perform Aircraft General Maintenance Activities |
| AR-CCU-201E-1 | WSQ EU3 Maintain Sheet Metal Structures |
| AR-CCU-202E-1 | WSQ EU4 Maintain Composite Structures |
| MF-COM-101C-1 | WSQ GM1 Apply 5S Techniques |
| MF-COM-104E-1 | WSQ GM2 Apply WSH Policy |
| MF-PEC-101E-1 | WSQ GM3 Use Hand Tools |
| MF-PEC-102E-1 | WSQ GM4 Operate Basic Measuring Devices |
| MF-COM-102C-1 | WSQ GM5 Apply Quality System |
| MF-COM-103C-1 | WSQ GM6 Apply Teamwork in the Work Place |

The information contained in this brochure is correct as of 7 December 2018 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 Applied Diploma in Aerospace Maintenance (ADAM), please apply personally at the college.

Academic Progression Pathway



Course Application Fee for each course
 S\$200 (SG/SPR)
 S\$500 (International Students)



Fees shown are excluding of GST

Career Opportunities in Aviation Industry (5.1 years)

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



Bachelor of Science (Honours)
 Aircraft Engineering – Top Up
Kingston University London

S\$20,000
 (No Funding)

Qualifying Entrance Exam

S\$981

Compulsory Bridging Course

MAR / SEP Intake 2 Years 3 Months Full Time



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



Specialist Diploma in Aircraft Maintenance
 & Engineering (SAME)
Air Transport Training College
Professional Development Centre of the Singapore Institute of Aerospace Engineers

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

Acceptance to SAME course based on 85%
 Attendance, Passing Grade 75%

MAR / SEP Intake 8 Months Full Time

S\$15,750 (S\$2,750*)

Applied Diploma in
 Aerospace Maintenance (ADAM)



MAR / SEP Intake 1.5 years Part Time

Applied Diploma in
 Aerospace Maintenance (ADAM)



***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



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

For more information on SkillsFuture Singapore:
www.skillsfuture.sg