



Reference : Memo/TD/003-2022  
 Date : 25<sup>th</sup> November 2022  
 To : Trainees on LAMT and LAME programs  
 CC : All departments  
 Subject : **Bridging Programs for Compliance of CAD 1801 Issue 2 Appendix 1 (Basic Knowledge Requirements)**

Urgent       For your action       Reply needed       For your information

In compliance with the latest CAD 1801 Appendix 1 – Basic Knowledge Requirements, APR-ATC will be conducting bridging courses in December 2022 to address the new/additional subtopics and increase of knowledge levels in the Part 66 syllabus.

**A. APPLICABILITY**

NO	CATEGORY	MODULE	WHO MUST ATTEND THE BRIDGING COURSE?
1	A	3 & 15	a) All trainees, regardless whether have 'passed and expired', or failed CAAM examination Module 3 and/or Module 15
2	A & B	10	a) Trainees who attended Module 10 training before October 2020 and have yet to sit for CAAM examination (1 <sup>st</sup> attempt), or b) Trainees who failed Module 10 examination and never attended earlier bridging course, or c) Trainees who have passed the CAAM Module 10 examination but the paper has expired, or d) Trainees who will be sitting for Trade Assessment Air Legislation, or e) Trainees who will be sitting for Final Assessment
3	B1	4	a) Trainees who attended Module 4 training and have yet to sit for CAAM examination (1 <sup>st</sup> attempt), or b) Trainees who failed CAAM examination Module 4 and have not attended earlier bridging course, or c) Trainees who have passed the CAAM Module 4 examination but the paper has expired.

4	B1	11A	a) Trainees who attended Module 11A training and have yet to sit for CAAM examination (1 <sup>st</sup> attempt), or b) Trainees who failed CAAM examination Module 11A, or c) Trainees who have passed the CAAM Module 11A examination but the paper has expired
5	B2	4, 5, 7 & 13	a) Trainees who attended Module 4, 5, 7 and/or 13 training before April 2020 and have yet to sit for CAAM examination (1 <sup>st</sup> attempt), or b) Trainees who failed CAAM examination Module 4, 5, 7 and/or 13, or c) Trainees who have passed the CAAM Module 4, 5, 7 and/or 13 examination but the paper has/have expired

TAMs who downskill to Category A are not required to attend Bridging Courses Module 3 and 15.

#### B. DIFFERENCES IN AN 1101 & CAD 1801

Refer attachment.

#### C. BRIDGING COURSES SCHEDULE SUMMARY

All classes are conducted face-to-face at APR-Aviation Training Centre, Subang.

NO.	CATEGORY	MODULE	INSTRUCTOR	DATE	TIME
1	A	3*	Mr Eng Poi Sing	6 Dec 2022	9.00 am – 12.00 pm
2	B1	4	Mr Chandra	6 – 7 Dec 2022	9.00 am – 4.00 pm
3	B1	11A*	Mr Wan Idris	8 Dec 2022	9.00 am – 12.00 pm
4	B2	4* 5* 7* 13*	Mr Eng Poi Sing, Mr Baharom, Mr Wan Idris, Mr Sudheer	8 – 9 Dec 2022	9.00 am – 4.00 pm
5	A & B	10	Mr Anthony	14 – 16 Dec 2022	9.00 am – 4.00 pm
6	A	15*	Mr Samsudin	20 Dec 2022	2.00 pm – 4.30 pm

\* With end-of-submodule test

#### D. APPLICATION TO BRIDGING COURSES

<https://tinyurl.com/APRBridgingCourse>

## E. EVIDENCE OF TRAINING

Trainees who have completed the Bridging Course (and passed the end-of-submodule test, if applicable), shall be issued with a Testimonial Letter.

## F. FEES & CHARGES

Bridging Courses are FREE up to December 2022, or until otherwise advised, for TAME Batch 52 onwards and LAMT 01 onwards.

For TAME Batch 51 and below;

NO.	CATEGORY	MODULE	FEE
1	A	3	RM 100.00
2	B1	4	RM 400.00
3	B1	11A	RM 100.00
4	B2	4, 5, 7 & 13	RM 400.00
5	A & B	10	RM 500.00
6	A	15	RM 100.00

Thank you.

  
**Amira Amirudin**  
Director of Training

## APR-AVIATION TRAINING CENTRE

**DIFFERENCES BETWEEN AN 1101 & CAD 1801 SYLLABUS**

CATEGORY A	
BRIDGING COURSE FOR MODULE WITH CAAM PART 66 EXAMINATION	
Module	Description
Module 9	Made common as per Category B
Module 10	New Content; Made common as per Category B

BRIDGING COURSE FOR DIFFERENCES WITH TEST				
Module	Sub-topic		Level	
			AN1101	CAD1801
Module 3	3.14	Resistive (R), Capacitive (C) and Inductive (L) Circuits	-	1
Module 15	15.22	Engine Storage and Preservation	-	1

CATEGORY B1	
BRIDGING COURSE FOR MODULE WITH CAAM PART 66 EXAMINATION	
Module	Description
Module 4	Made common as per Category B2
Module 10	New Content; Made common as Category B

BRIDGING COURSE FOR DIFFERENCES WITH TEST				
Module	Sub-topic		Level	
			AN1101	CAD1801
Module 11A	11.8(b)	Portable fire extinguisher	1	2

CATEGORY B2	
BRIDGING COURSE FOR MODULE WITH CAAM PART 66 EXAMINATION	
Module	Description
Module 10	New Content; Made common as Category B

BRIDGING COURSE FOR DIFFERENCES WITH TEST				
Module	Sub-topic		Level	
			AN1101	CAD1801
Module 4	4.1.3(a)	Integrated Circuits Description and operation of logic circuits and linear circuits/operational amplifiers	-	1
	4.3(a)	Servo mechanisms Understanding of the following terms: open and close loop systems, feedback, follow up, analogue transducers; Principles of operation and use of the following synchro system components/features: resolvers, differential, control and torque, transformers inductance ad capacitance transmitters.	-	1
Module 5	5.6(a)	Basic Computer Structure Computer terminology (including bit, byte, software, hardware, CPU, IC & various memory devices such as RAM, ROM, PROM)	-	2
	5.13	Software Management Control	1	2
Module 7	7.18(a)	Types of defects and visual inspection techniques; Corrosion removal, assessment and reprotction	2	3
Module 13	13.17	Oxygen (System layout: cockpit, cabin)	1	3
		Oxygen (Sources, storages, charging and distribution)	1	3
		Oxygen (Supply regulation)	1	3