

MODULE DISTRIBUTION:

CAR-66 MODULE	MODULE NAME	B 1.1		B2	
		MECHANICAL		AVIONICS	
		THEORY HOURS	TOTAL PRACTI CAL HOURS	THEOR Y HOURS	TOTAL PRACTICAL HOURS
3	ELECTRICAL FUNDAMENTAL S	100	60	100	60
4	ELECTRONIC FUNDAMENTAL S	40	40	40	40
5	DIGITAL TECHNIQUES ELECTRONIC INSTRUMENT SYSTEMS	80	85	80	85
6	MATERIAL & HARDWARE	100	80	100	80
7A	MAINTENANCE PRACTICES	160	211	160	211
8	BASIC AERODYNAMIC S	40	26	40	26
9A	HUMAN FACTORS	80	00	80	00
10	AVIATION LEGISLATION	250	00	250	00
11A	TURBINE AEROPLANE, AERODYNAMIC S, STRUCTURE AND SYSTEMS	250	256	—	—
13	AIRCRAFT AERODYNAMIC S, STRUCTURES AND SYSTEM	—	—	490	388
14	PROPULSION	—	—	100	70
15	GAS TURBINE ENGINE	260	65	—	—
17A	PROPELLER	80	137	—	—
TOTAL:		1440	960	1440	960
GROSS TOTAL:		2400		2400	

SEMESTERWISE DISTRIBUTION OF COURSEWORK TIME FOR B1.1 MECHANICAL

SEM	MODULES	THEORY	PRACTICAL	
			IN HOUSE	AMO
JULY-DEC (First)	M 8 (BASIC AERODYNAMICS)	40	26	00
	M 9A (HUMAN FACTORS)	80	—	00
	M 10 (AVIATION LEGISLATION-1)	190	—	00
	M 3 (ELECTRICAL FUNDAMENTALS)	100	60	00
496	TOTAL HOURS	410	86	00

SEM	MODULES	Theory	PRACTICAL	
			IN HOUSE	AMO
JAN-JUN (SECOND)	M 10 (AVIATION LEGISLATION-2)	60	—	00
	M 6 (MATERIAL & HARDWARE)	100	80	00
	M 7A (MAINTENANCE PRACTICES)-1	80	70	00
	M 5 (DIGITAL TECHNIQUES/ ELECTRONIC INSTRUMENT SYSTEMS)	80	40	00
510	TOTAL HOURS	320	190	00

JULY-DEC (THIRD)	M 11 A (TURBINE AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS)- 1	150	90	70
	M 4 (ELECTRONIC FUNDAMENTALS)	40	40	00
	M 7A (MAINTENANCE PRACTICES)-2	80	70	50
	M 5 (DIGITAL TECHNIQUES ELECTRONIC INSTRUMENT SYSTEMS)	—	—	10
	M 15 (GAS TURBINE) – 1	40	0	20
660	TOTAL HOURS	310	200	150

JAN-JUN (FOURTH)	M 17A (PROPELLER)	68	30	00
	M 15 (GAS TURBINE ENGINE)- 1A	120	86	00
	M 11A (TURBINE AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS)- 2	100	30	60
	M 15 (GAS TURBINE ENGINE-II)	100	50	90
734	TOTAL HOURS	388	196	150

SEMESTERWISE DISTRIBUTION OF COURSEWORK TIME FOR B2 AVIONICS

SEM	MODULES	THEORY	PRACTICAL	
			IN HOUSE	AMO
JULY-DEC (First)	M 8 (BASIC AERODYNAMICS)	40	26	00
	M 9A (HUMAN FACTORS)	80	—	00
	M 10 (AVIATION LEGISLATION-1)	190	—	00
	M 3 (ELECTRICAL FUNDAMENTALS)	100	60	00
496	TOTAL HOURS	410	86	00

SEM	MODULES	Theory	PRACTICAL	
			IN HOUSE	AMO
JAN-JUN (SECOND)	M 10 (AVIATION LEGISLATION-2	60	—	00
	M 6 (MATERIAL & HARDWARE)	100	80	00
	M 7A (MAINTENANCE PRACTICES)-1	80	70	00
	M 5 (DIGITAL TECHNIQUES/ ELECTRONIC INSTRUMENT SYSTEMS)	80	40	00
510	TOTAL HOURS	320	190	00

JULY-DEC (THIRD)	M 11 A (TURBINE AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS)- 1	150	90	70
	M 4 (ELECTRONIC FUNDAMENTALS)	40	40	00
	M 7A (MAINTENANCE PRACTICES)-2	80	70	50
	M 5 (DIGITAL TECHNIQUES ELECTRONIC INSTRUMENT SYSTEMS)	—	—	10
	M 15 (GAS TURBINE) – 1	40	0	20
660	TOTAL HOURS	310	200	150

JAN-JUN (FOURTH)	M 17A (PROPELLER)	68	30	00
	M 15 (GAS TURBINE ENGINE)- 1A	120	86	00
	M 11A (TURBINE AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS)- 2	100	30	60
	M 15 (GAS TURBINE ENGINE-II)	100	50	90
734	TOTAL HOURS	388	196	150