

First five semesters consist of theory and practical and the sixth semester is completely practical - 'On- Job' practical training. The details of the subjects are given below:

Sl. No.	Subject	Theory Hours	Practical Hours	Total Hours
1.	Air Law, Airworthiness Requirements – I	110	Nil	110
2.	Aircraft materials & Hardware –I	70	80	150
3.	Electrical Fundamentals – I	70	80	150
4.	Basic Aerodynamics	40	40	80
5.	Maintenance Practices – I	60	150	210
6.	Air Law, Airworthiness Requirements – II	90	Nil	90
7.	Human Performance – II	30	Nil	30
8.	Aircraft Materials & Hardware –II	80	150	230
9.	Electronic Fundamentals and Digital Techniques – I	70	110	180
10.	Electrical Fundamentals- II	80	90	170
11.	Digital Technique – II	80	80	160
12.	Aeroplane Dynamics and structure	70	70	140
13.	Maintenance Practices – II	70	80	150
14.	Jet Engine - I	70	60	130
15.	Piston Engine – I	60	60	120
16.	Aeroplane Systems – I	70	90	160
17.	Avionics	70	70	140
18.	Jet Engine - II	70	60	130
19.	Maintenance Practices – III	70	70	140
20.	Piston Engine – II & Propellers	70	60	130
21.	Aeroplane Systems – II	70	80	150
22.	Heavy Aeroplane Maintenance	50	80	130
23.	Light Aeroplane Maintenance	50	90	140
24.	Jet Engine Maintenance	50	90	140
25.	Piston Engine Maintenance	50	90	140
	Total	1670	1830	3500
	<u>6th Semester</u>			
	ON JOB TRAINING ON AEROPLANE			