



**FRIST SEMESTER TRAINING SYLLABUS**  
**Mechanical B1.2**  
**SEMESTER – I (THEORY)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 7A	MAINTENANCE PRACTICE -PART A	AME 101	<b>75</b>
MODULE 8	BASIC AERODYNAMICS	AME 102	<b>50</b>
MODULE 10	AVIATION LEGISLATION- PART A	AME 103	<b>75</b>
TOTAL		200 Hrs	

**SEMESTER – I (PRACTICAL)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 7A	MAINTENANCE PRACTICE -PART A	AME 104	<b>100</b>
TOTAL		100 Hrs	



**SECOND SEMESTER TRAINING SYLLABUS**  
**MECHANICAL B1.2**  
**SEMESTER – 2 (THEORY)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 3	ELECTRICAL FUNDAMENTALS – PART A	AME 201	50
MODULE 7A	MAINTENANCE PRACTICE –PART-B	AME 202	70
MODULE 10	AVIATION LEGISLATION-PART B	AME 203	80
TOTAL		200 Hrs	

**SEMESTER – 2 (PRACTICAL)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 3	ELECTRICAL FUNDAMENTALS – PART A	AME 204	45
MODULE 7A	MAINTENANCE PRACTICE –PART B	AME 205	55
TOTAL		100 Hrs	



**THIRD SEMESTER TRAINING SYLLABUS**  
**MECHANICAL B1.2**  
**SEMESTER – 3 (THEORY)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 3	ELECTRICAL FUNDAMENTALS-PART-B	AME 301	60
MODULE 7A	MAINTENANCE PRACTICE –PART-C	AME 302	70
MODULE 9	HUMAN FACTORS	AME 303	70
<b>TOTAL</b>		<b>200 Hrs</b>	

**SEMESTER – 3 (PRACTICAL)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 3	ELECTRICAL FUNDAMENTALS-PART-B	AME 304	40
MODULE 7A	MAINTENANCE PRACTICE –PART-C	AME 305	45
<b>TOTAL</b>		<b>85 Hrs</b>	



**FORTH SEMESTER TRAINING SYLLABUS**  
**MECHANICAL B1.2**  
**SEMESTER – 4 (THEORY)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 6	MATERIAL & HARDWARE-PART-A	AME 401	80
MODULE 11B	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART A	AME 402	40
MODULE 16	PISTON ENGINE PART-A	AME 403	80
TOTAL		200 Hrs	

**SEMESTER – 4 (PRACTICAL)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 11B	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART A	AME 404	40
MODULE 16	PISTON ENGINE PART-A	AME 405	40
TOTAL		80 Hrs	



**FIFTH SEMESTER TRAINING SYLLABUS**  
**MECHANICAL B1.2**  
**SEMESTER – 5 (THEORY)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 6	MATERIAL & HARDWARE-PART-B	AME 501	40
MODULE 11B	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART B	AME 502	80
MODULE 16	PISTON ENGINE PART-B	AME 503	80
TOTAL		200 Hrs	

**SEMESTER – 5 (PRACTICAL)**

MODULE	SUBJECT	SUBJECT CODE	ALLOTTED HOURS
MODULE 5	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART B	AME 504	30
MODULE 11B	PISTON ENGINE PART-B	AME 505	60
TOTAL		90 Hrs	



**SIX SEMESTER TRAINING SYLLABUS**  
**MECHANICAL B1.2**  
**SEMESTER – 6 (THEORY)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 4	ELECTRONIC FUNDAMENTALS	AME 601	40
MODULE 5	DIGITAL TECHNIQUES/ INSTRUMENT SYSTEMS	ELECTRONIC AME 602	40
MODULE 11B	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART C	AME 603	70
MODULE 17A	PROPELLER	AME 604	50
<b>TOTAL</b>			<b>200 Hrs</b>

**SEMESTER – 6 (PRACTICAL)**

<b>MODULE</b>	<b>SUBJECT</b>	<b>SUBJECT CODE</b>	<b>ALLOTTED HOURS</b>
MODULE 4	ELECTRONIC FUNDAMENTALS	AME 605	35
MODULE 5	DIGITAL TECHNIQUES/ INSTRUMENT SYSTEMS	ELECTRONIC AME 606	10
MODULE 11B	PISTON AEROPLANE AERODYNAMICS, STRUCTURES AND SYSTEMS- PART C	AME 607	30
MODULE 17A	PROPELLER	AME 608	20
<b>TOTAL</b>			<b>85 Hrs</b>