



HINDUSTAN AEROSPACE & ENGINEERING – PUNE

(A unit of Kohinoor Educational Services Pvt. Ltd.)

Approved by DGCA (Govt. of India) for AME Course under CAR-147 (Basic)

THEORY SYLLABUS – B1.2 (AEROPLANE PISTON)

FIRST SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 7A	Maintenance Practices - I	75
Module – 08	Basic Aerodynamics	50
Module – 10	Aviation Legislation - I	75
	Duration	200

SECOND SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 03	Electrical Fundamentals - I	50
Module – 7A	Maintenance Practices - II	70
Module – 10	Aviation Legislation - II	80
	Duration	200

THIRD SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 03	Electrical Fundamentals - II	60
Module – 7A	Maintenance Practices - III	70
Module – 9	Human Factors	70
	Duration	200



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FOURTH SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 06	Materials & Hardware- Part I	40
Module – 11B	Piston Aeroplane Aerodynamics, Structure & Systems- Part I	80
Module – 16	Piston Engine Part-I	80
	Duration	200

FIFTH SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 06	Materials & Hardware – Part II	40
Module – 11 B	Piston Aeroplane Aerodynamics, Structure & Systems – II	80
Module – 16	Piston Engine - II	80
	Duration	200

SIXTH SEMESTER

MODULE	NOMENCLATURE	HOURS
Module – 4	Electronic Fundamentals	40
Module – 5	Digital Techniques Electronic Instrument Systems	40
Module – 11B	Piston Aeroplane Aerodynamics, Structure & Systems – III	70
Module – 17B	Propellers	50
	Duration	200