

DIPLOMA IN AIR CRAFT MAINTENANCE ENGINEERING (AME) COURSE STRUCTURE

Sub_ Code	Sub_NAME	Credi ts'	Sub_ Code	Sub_NAME	Credi ts	Sub_ Code	Sub-NAME	Credit s	Sub_ Code	Sub-NAME	Credits	Sub_ Code	Sub NAME
I SEMESTER			II SEMESTER			III SEMESTER			IV SEMESTER			III YEAR	
AME-101	English	2	AME-201	Aviation Legislation	3	AME-301	Civil Aviation Requirements	3	AME-401	Electrical Machines	3	501	On job Training (20 credits)
AME-102	Engineering Mathematics	3	AME-202	Thermal Engineering	3	AME-302	Human Factors	3	AME-402	Aircraft Instruments and Devices	3		
AME-103	Engineering Physics	3	AME-203	Basic Electrical and Electronics Engineering	3	AME-303	Air craft systems.	3	AME-403	Gas Turbine Engines	3		
AME-104	Engineering Chemistry	3	AME-204	Aircraft Materials and Metallurgy	3	AME-304	Airframe.	3	AME-404 A AME-404 B	Propellers Drone Technology	3		
AME-105	Basic Aerodynamics	3	AME-205	Fundamentals of AI/ML	3	AME-305	Digital Fabrication	3	AME-405 A AME 405 B	Engineering Mechanics Advanced Engineering Mathematics	3		
AME-106	Maintenance practices-workshop	3	AME-206	Material Testing & Metrology Lab	2	AME-306	Aircraft Systems Lab	2	AME- 406	Aircraft Instruments, and Devices lab	2		
AME-107	Engineering Drawing (CAD)	2	AME-207	Basic Electrical and Electronics Engineering Lab	2	AME-307	Airframe Lab	2	AME-407	Aircraft Inspection Procedure Lab	2		
AME-108	Maintenance practices - workshop Lab	2	AME-208	Thermal Engineering lab	2	AME-308	Innovation and Design thinking Lab.	2	AME-408	Gas Turbine Engines Lab	2		
AME-109	Science Lab	2	AME-209	Fundamentals of AI/ML Lab	2	AME-309	Aircraft Ground Handling & Safety Lab	2	AME-409	Electrical Machines lab	2		
AME-110	Computer Fundamentals Lab	2	AME-210	Communication Skills and Life skills lab	2	AME-310	Digital Fabrication Lab	2	AME-410	Avionics Lab	2		
		25			25			25			25		20

