

# Advanced Technical Certificate: Powerplant

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(2 Years)

Code	Title	Credits
AIRM 0100	Introduction to Aircraft Maintenance and Aviation Aerodynamics	1
AIRM 0101	Mathematics	3
AIRM 0104	Materials and Processes	5
AIRM 0107	Forms and Regulations	3
AIRM 0108	Basic Electricity	3
AIRM 0109	Fluid Systems	4
AIRM 0110	Landing Gear Systems	2
AIRM 0111	Auxiliary Systems	2
AIRM 0112	Aircraft Electrical Systems	4
AIRM 0113	Rigging and Inspection	3
AIRM 0114	Metallic Structures	3
AIRM 0115	Aircraft Instruments, Communications, and Navigation	2
AIRM 0116	Non-Metallic Structures	4
AIRM 0221	Reciprocating Engine Theory and Practice	3
AIRM 0222	Advanced Reciprocating Engine Inspection and Maintenance	3
AIRM 0223	Basic Turbine Engines	4
AIRM 0224	Advanced Turbine Engines	3
AIRM 0225	Powerplant Lubrication Systems	3
AIRM 0227	Engine Fuel Metering Systems	3
AIRM 0228	Engine Ignition Systems	4
AIRM 0229	Engine Electrical and Instrument Systems	4
AIRM 0230	Propeller Systems	4
Total Credits		70