

Aircraft Maintenance

On-Aircraft Maintenance Category A



Course Title: City & Guilds Level 3 Diploma On-Aircraft Maintenance Category A (2675-04)

Course Code: TVT-005a

Accreditation Number: 600/I927/X

Course Overview: This course is designed to enable delegates to develop the essential knowledge and hand-skills to become an aerospace technician or engineer. In addition, it will equip the aspiring Licensed Aircraft Maintenance Engineer or unlicensed Aircraft Technician with the majority of the knowledge requirement for their chosen role.

Target Audience: This course is aimed at delegates who work, or want to work in the aeronautical engineering sector across a range of roles and career routes. It allows delegates to learn, develop and practise the skills required for employment and/or career progression in the aeronautical engineering sector.

Prerequisites: Delegates must have a minimum International English Language Testing System (IELTS) certification of 4.5

Course Duration: 43 Training Weeks (25-contact hour's p/w).

Course Programme Summary of Content:

Unit 001- Fundamentals of Aviation Mathematics and Science (mandatory)

Unit 002- Fundamentals of Aircraft Electrics, Digital Techniques and Electronic Instrument Systems (mandatory)

Unit 003- Fundamentals of Aircraft Materials and Hardware (mandatory)

Category A1 – Aeroplanes (Turbine):

Unit 007- Fundamentals of Aircraft Aerodynamics, Structures and Systems for Turbine Engines

Unit 010- Fundamentals of Aircraft Gas Turbine Engines

Unit 012- Fundamentals of Aircraft Propellers

Unit 004- Fundamentals of Aircraft Maintenance Practices (mandatory)

Unit 005- Fundamentals of Aerodynamics (mandatory)

Unit 006- Fundamentals of Civil Aviation Legislation (mandatory)

Unit 035- Human Factors in Aviation (mandatory)

Assessments: A combination consisting of formative and summative theory/practical assessments.

Award on Completion: Level 3 Diploma On-Aircraft Maintenance Category A (2675-04).



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