

PREPARING STUDENTS WITH THE SKILLS TO BE SUCCESSFUL IN THE MODERN WORKFORCE.

Bristol Technical Education Center's program for airframe mechanics and aircraft maintenance technology/technicians prepare adult student learners to enter the world of aviation where the student will:

- Study in a facility equipped for practical hands-on training.
- Be exposed to a variety of theory and shop classes: metalwork, woodwork, welding, hydraulics, electrical, electronics, painting and engine overhaul.
- Learn to interpret FAA regulations and manufacturer's technical specifications.



LEARN MORE

For more information, contact
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AIRFRAME MECHANICS & AIRCRAFT MAINTENANCE TECHNOLOGY/TECHNICIAN SCHOOLS



LOCATIONS



BRISTOL TECHNICAL EDUCATION CENTER

STRATFORD SCHOOL FOR AVIATION MAINTENANCE TECHNICIANS

AMTS #TF5T221N
200 GREAT MEADOW ROAD
STRATFORD, CT
SSAMT.CTTECH.ORG

BRISTOL TECHNICAL EDUCATION CENTER

CT AEROTECH

AMTS #EM9T117R
500 LINDBERGH DRIVE
HARTFORD, CT
CTAERO.CTTECH.ORG



TWO LOCATIONS HARTFORD, CT STRATFORD, CT

BRISTOL TECHNICAL EDUCATION CENTER

EXTENSION CAMPUSES

The Connecticut Technical Education and Career System is an affirmative action/equal opportunity employer.

OUR PROGRAM

The two-year Airframe Mechanics and Aircraft Maintenance Technology/Technician program provides training that enables the student to develop operative skills that meet the license requirements of the Federal Aviation Administration (FAA). Both locations are FAA Part 147 approved schools.

“ EACH STUDENT LEARNS TO INTERPRET FAA REGULATIONS AND MANUFACTURER'S TECHNICAL SPECIFICATIONS.

Upon successful completion of the General, Airframe and Power Plant curriculum, students are eligible to take the FAA examinations to certify as a Airframe and Power Plant Aviation Maintenance Technician.

Graduates from this program may obtain jobs as airport mechanics and technicians for aircraft and power plant companies.

A typical school day starts at 7:40 a.m. and ends at 2:30 p.m. The program is split into three blocks, General, Airframe and Power Plant. Each block will cover a variety of subjects within.

Please check the school websites for up-to-date enrollment information and dates.



CURRICULUM SUBJECTS

General Block

- Basic Electricity
- Aircraft Drawings
- Aircraft Weight & Balance
- Fluid Lines & Fittings
- Materials & Processes
- Mathematics
- Ground Operation & Servicing
- Basic Physics
- Cleaning & Corrosion Control
- Maintenance Forms & Records
- Maintenance Publications
- Mechanic Privileges & Limitations

Airframe Block

- Wood Structures
- Aircraft Covering
- Aircraft Finishes
- Sheet Metal & Non-metallic Structures
- Welding
- Assembling & Rigging
- Airframe Inspections
- Aircraft Landing Gear
- Hydraulic & Pneumatic Power
- Cabin Atmosphere Control
- Aircraft Instrument
- Communication & Navigation
- Aircraft Fuel Systems
- Aircraft Electrical Systems
- Position & Warning Systems
- Ice & Rain Control
- Fire Protection

Power Plant Block

- Reciprocating Engines
- Turbine Engines
- Engine Inspection
- Engine Instrument
- Engine Fire Protection
- Engine Electrical Systems
- Lubrication Systems
- Ignition & Starting Systems
- Fuel Metering Systems
- Engine Fuel Systems
- Induction & Engine Airflow Systems
- Engine Cooling Systems
- Engine Exhaust & Reverser Systems
- Propellers
- Unducted Fans
- Auxiliary Powerplants

TUITION

Tuition is \$7,200* and is payable in three segments, on or before the start of each block of instruction. A \$50 Admission Test fee applies. Students may seek private loans from a financial institution of their choice. The school is also approved for the training of eligible veterans under federal laws.

* Tuition amount is subject to change at anytime.

“ DEVELOP HANDS-ON AND THEORETICAL SKILLS WHILE WORKING WITH REAL AIRCRAFT IN A REAL-WORLD ENVIRONMENT.

CAREER OPPORTUNITIES



Airframe mechanics and airframe maintenance technicians are a career in demand according to the Connecticut Department of Labor, with salary ranges between \$52,000 - \$104,000.

Some of our graduate career paths include: commercial or private airline maintenance, inspection authorized mechanic, aircraft engine manufacturing, wind turbine technician, avionics technician, vintage aircraft restoration, airframe and powerplant technician, sales at manufacturer facilities, rotocraft maintenance, cargo or passenger fleet management, record keeping and compliance, unmanned aircraft systems.

CT Aerotech and Stratford School for Aviation Maintenance Technicians are extension campuses of Bristol Technical Education Center, part of the Connecticut Technical Education and Career System.