AVIATION MAINTENANCE TECHNOLOGY

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The Aviation Maintenance Technology program is an equal opportunity program, auxiliary aids and services available upon request to individuals with disabilities.
BOEING FORECAST

SHORTAGE OF AVIATION MECHANICS!!!

• The latest Boeing forecast predicts over a million pilots and mechanics needed over the next 20 years.
• In North America, Boeing has projected that the demand for aviation maintenance mechanics alone will exceed 100,000.
• The concern is, there are not enough people, especially young people, pursuing a career in aviation maintenance.

AVIATION MAINTENANCE CERTIFICATE

- To obtain the CCCC Aviation Maintenance Certificate, one must complete the 1950 hours of training plus 3 General Education Courses (9 Credits).
- Training includes three phases: General, Airframe, & Powerplant
- **General** studies are the foundation which include math, physics, FAA regulations, safety, etc…
- **Airframe** studies includes the body of the aircraft including the wings, fuselage, electrical, etc…
- **Powerplant** includes the engines, power units, avionics, etc…
PREPARATION FOR THE FAA EXAMINATIONS

- Once you receive a certificate of completion for each section, you can now take your FAA exams. (9 Exams Total)
- Once you pass these exams, you are a FAA Certified Airframe & Powerplant Technician or A & P Technician.
**AIRFRAME & POWERPLANT CERTIFICATION**

- The A & P Certificate gives authority to carry out aircraft maintenance and to sign off on maintenance repairs.
ASSOCIATES IN APPLIED SCIENCE

• Cape Cod Community College offers an A.A.S. Degree for those who would like to further their education upon completing the 1950hrs of FAA training plus 3 General Education Courses.

• Articulation agreements in the works with… for those who want to pursue a Bachelor.
SCHOLARSHIPS & FINANCIAL AID AVAILABLE

• There are dozens of scholarships available for those who want to pursue aviation as a career.
• Many of these scholarships go unused
• Financial Aid is available for those who qualify
• Grants (free monies for those who qualify)
• Title IV Student Loans
STATE-OF-THE-ART FACILITIES
CAREERS IN AVIATION MAINTENANCE
FIXED BASED OPERATION (FBO)
GENERAL AVIATION
MAINTENANCE, REPAIR, & OVERHAUL (MRO)
CORPORATE AVIATION
COMMERCIAL AVIATION
(MAIN CARRIERS)
COMMERCIAL AVIATION
(REGIONAL CARRIERS)
UNMANNED AERIAL VEHICLES (UAVS)
AIR SHIPS (BLIMPS)
RELATED INDUSTRIES

GRANITE

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Sit-down Counterbalanced

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CHECK US OUT...

4CsAVIATION

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VIDEOS

https://www.youtube.com/watch?v=Gr_svVxv-F0

https://www.youtube.com/watch?v=ELUC5C74Mpc

https://www.youtube.com/watch?v=uHzA5NrBrn4
PAPER AIRPLANE

Step 1
Fold the paper in half lengthwise and run thumbnail along the fold to crease it sharply. Now, unfold the paper.

Step 2
Fold down the top corners as indicated by the arrows.
PAPER AIRPLANE

Step 3
Fold the two edges toward the center line, as indicated.

Step 4.
Make a valley fold in half. Turn the plane 90 degrees as shown in figure of Step 5.
PAPER AIRPLANE

**Step 5**
Create a wing crease that begins at the nose as shown.

**Step 6**
Form 3-dimensional shape as shown in figure. The Basic Dart is complete. Bend up the tailing edge of the wings for lift if it has a tendency to nose-dive.