

# EDUCATION DEGREES:

## Certification Program

### **Aeronautical Certificate Programs**

#### Why an Aeronautical Certificate Programs Makes a Great Option

Many schools offer certificate programs in aeronautical and makes a great option for those looking to advance their career or those who need to keep their credentials current.

At times, it is required for aeronautical professionals to show evidence of continuing education to further their career or to keep current position. There is a move within the aeronautical field from "I've finished my education" towards "My education is a process". Certification is just that: a continued education that helps professionals stay up-to-date with industry trends and practices.

Certification can come in a variety of ways, but it always means staying current in the aeronautical field. You usually have to take examinations (normally one), which might be the original test with updates to keep in line with new aeronautical industry practices and know how.

Without a formal training program, many certification candidates fail the aeronautical certification process unnecessarily, meaning additional costs and headaches. Fortunately, refresher and beginner certification programs are now easier than ever to access.

Many colleges and schools offer online and campus based aeronautical certification programs. With these programs you can still carry on your full time employment and certify without any downtime in your profession. If you're currently looking to gain employment in the aeronautical field then certification is an essential part of your search. Certification is also extremely useful for gaining that edge in a prospective employment interview

The Aeronautical Maintenance Technology Certificate prepares students for entry-level positions working in the air transportation and aerospace industry. Students receive theoretical and practical knowledge of powerplant and airframe systems and become competent in inspecting, repairing, and maintaining aircraft and aviation systems.

An Aeronautical Maintenance Technology Certificate Program is a one to two year program providing training in aviation regulations, safety issues, air traffic control systems, aviation engines, and electronics as they relate to aeronautics. Students learn to troubleshoot and diagnose malfunctions and to use state-of-the-art technology to repair aeronautical systems.

#### **Coursework May Include:**

- Aeronautical Systems
- Aviation Law and Regulations
- Powerplant Systems
- Aircraft Design and Logistics
- Airframe Systems
- Aircraft Structures, Assembly and Rigging

**At Civil Air Patrol, the volunteer auxiliary of the U.S. Air Force, we're helping develop tomorrow's aerospace workforce.**

- Turbine Engines
- Engine Fire Protection Systems
- Powerplant Repair and Operational Checks

**Links to more Aeronautical Certificate Programs click below:**

<http://www.cbcmd.edu/aviation/>

<http://worldwide.erau.edu/professional/professional-programs/corporate-aviation-management/index.html>

<http://www.mems.duke.edu/aerospace-engineering-certificate>

**Links to more Information click below:**

[http://education-portal.com/articles/Aeronautical\\_Maintenance\\_Technology\\_Certificate%3A\\_Program\\_Summary.html](http://education-portal.com/articles/Aeronautical_Maintenance_Technology_Certificate%3A_Program_Summary.html)

[http://www.avscholars.com/Aviation\\_Colleges/Aviation-Colleges-Schools.htm](http://www.avscholars.com/Aviation_Colleges/Aviation-Colleges-Schools.htm)

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