



# AVIATION TECHNOLOGY, Certificate



**NASHUA**  
COMMUNITY COLLEGE

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Day/Evening Program

## Certificate Overview

The Aviation Technology Certificate Program prepares students for professional careers in aviation maintenance, allowing graduates to seek employment with airlines, fixed base operators, or aircraft manufacturers. Nashua Community College is an FAA approved training facility. (NSUT025K)

## Program Outcomes

Upon completion of the program, students will be prepared to apply for the FAA oral, written, and practical exams for the Airframe and Powerplant (A&P) Technician Certificate.

In addition, the graduate will be able to demonstrate competency in the general education outcomes.

## Admissions Requirements

- Must be able to read, write, speak, and understand English to interpret FAA regulations and manufacturer's technical specifications
- A basic aviation tool kit
- Must meet technical requirements

## Accreditation

FAA approval

## Technical Standards

- Must be 18 years of age
- Have a high school degree or equivalent
- Have command of the English language
- Have reading comprehension skills sufficient to read and comprehend service literature
- Have communication skills sufficient to prepare required reports
- Be able to understand and follow both written and oral instructions

- Be able to complete requirements for college-level classes
- Mechanics must lift or pull objects weighing at least 70 pound
- Possess sufficient mobility, dexterity, and visual acuity to perform aviation maintenance
- Have sufficient vision to distinguish colors, read gauges, scopes, diagnostic equipment and information (adaptive equipment acceptable)
- Have sufficient hearing to distinguish various sounds and noises (adaptive equipment acceptable)
- Must be able to tolerate loud noises and vibrations associated with aircraft engines

## Additional Program Information

Students will learn on actual aircraft, structures, and powerplants and related systems. The curriculum includes one summer session and covers a wide variety of subjects concerned with airplanes including reciprocating engines, turbines, fuel systems, propellers, ignition, electrical systems, and hydraulic systems.

Interested students should note that the program requires frequent reading, along with the ability to interpret FAA regulations and manufacturers' technical specifications.

**This program carries additional fees. Visit [nashuacc.edu/tuition-fees](http://nashuacc.edu/tuition-fees) for more information.**

## Estimated Cost of Program (Tuition Only)

**In-State** \$15,410

**New England Regional** \$23,115

**Out-Of-State** \$33,835

## First Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
AVTN115N	General Module	7	9	10.00

## First Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
AVTN125N	Airframe Module 1	8	12	12.00

## Summer

Item #	Title	Class Hours	Lab Hours	Credits
AVTN215N	Airframe Module 2	8	15	13.00

## Second Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
AVTN205N	Powerplant Module 1	7	12	11.00

## Second Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
AVTN225N	Powerplant Module 2	8	15	13.00
Total Credits			59	