



CERTIFICATE

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Apply to NCC



Aviation Technology benefits

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)

Students in this program will

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.

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.

Career Pathways

Aviation Technology faculty and leadership work closely with industry partners to connect students with career opportunities across the region.

Housing

While Nashua Community College does not host its own residence halls on campus, student support staff can provide guidance in finding available housing in the region.

Help Your Resume Stand Out

There are many benefits to completing a certificate program. If you are starting your job search, completing a certificate program will boost your skills and abilities, and it can even help you stand out in the job market.

Visit nashuacc.edu or speak with an Enrollment Specialist by calling 603.578.8908 to begin!

AVIATION TECHNOLOGY CERTIFICATE

FIRST YEAR

FALL SEMESTER		CL	LAB	CR
AVTN101N	Maintenance Forms and Records	2	3	3
AVTN102N	Airframe Structures I	2	6	4
AVTN108N	Aviation Drafting and Blueprint Reading	3	0	3
				10
FIRST YEAR - SPRING SEMESTER		CL	LAB	CR
AVTN103N	Airframe Structures II	3	6	5
AVTN104N	Materials and Process	2	3	3
AVTN106N	Aviation Electronics	2	2	3
				11
SUMMER SEMESTER (9 WEEKS)		CL	LAB	CR
AVTN105N	Aircraft Systems	3	3	4
AVTN202N	Airframe Electrical Systems	2	4	3
AVTN203N	Hydraulics & Pneumatics	3	5	5
				12

SECOND YEAR

FALL SEMESTER		CL	LAB	CR
AVTN107N	Digital Logic	2	2	3
AVTN204N	Assembly and Rigging	2	6	4
AVTN206N	Reciprocating Engines I *	3	6	5
AVTN208N	Engine Systems *	2	3	3
AVTN209N	Aircraft Propellers *	2	3	3
				18
SPRING SEMESTER		CL	LAB	CR
AVTN207N	Reciprocating Engines II *	3	6	5
AVTN210N	Turbine Engines and Systems *	3	3	4
AVTN211N	Carburetion and Fuel Systems *	2	3	3
AVTN212N	Engine Electrical Systems *	2	6	4
				16
				Total Credits 67

NON-DISCRIMINATION POLICY

The Community College System of NH does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, creed, color, religion, ancestry or national origin, age, sex, sexual orientation, gender identity and expression, physical or mental disability, genetic information, or law enforcement, military, veteran, or marital status. This statement is a reflection of the mission of the Community College System of NH and refers to, but is not limited to, the provisions of the following laws:

- Title VI and VII of the Civil Rights Act of 1964, as amended
- The Age Discrimination in Employment Act of 1967 (ADEA)
- Title IX of the Education Amendment of 1972
- Section 504 of the Rehabilitation Act of 1973
- The Americans with Disabilities Act of 1990 (ADA)
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974
- NH Law Against Discrimination (RSA 354-A)
- NH Law RSA 188-F:3-a.
- Genetic Information Nondiscrimination Act of 2008

Inquiries regarding discrimination may be directed to Sara A. Sawyer, Director of Human Resources for the Community College System of NH, 26 College Drive, Concord, NH 03301, 603-230-3503. Inquiries may also be directed to the NH Commission for Human Rights, 2 Industrial Park Drive, Concord, NH 03301, 603-271-2767, FAX: 603-271-6339; and/or the Equal Employment Opportunity Commission, JFK Federal Building, 475 Government Center, Boston, MA, 02203, 617-565-3200 or 1-800-669-4000, FAX: 617-565-3196, TTY: 617-565-3204 or 1-800-669-6820.