



2025 - 2026

Career Pilot Technology

Associate in Applied Science Degrees

MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID



Scan Code for program page online

ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU



Career Pilot Technology

The Aviation Management and Career Pilot Technology curriculum prepares individuals for a variety of aviation and aviation-related careers including the commercial airlines, general aviation, the aerospace industry, the military, and state and federal aviation organizations.

Course work includes fundamentals of flight, aerodynamics, aircraft performance, meteorology, navigation, federal regulations, aviation management, and instrument and commercial ground training. Course options include flight and simulator training or business management training.

Graduates will hold a Commercial Pilot certificate with an Instrument Rating or specialize in aviation management. Graduates may find employment as commercial, corporate, and military pilots, fixed-base operators, airport managers, flight instructors, and flight dispatchers. Qualifying graduates may participate in the Piedmont Airlines Cadet Program which provides a pathway to employment with Piedmont Airlines.

The Aviation Management & Career Pilot Technology program is approved by:

Federal Aviation Administration

Charlotte Flight Standards District Office (FSDO)
3800 Arco Corporate Drive, Suite 233
Charlotte, NC 28273
Phone: (704) 319-7020
www.faa.gov/about/office_org/field_offices/fsdo/clt/

For More Information:

Contact Timothy Anderson by email at timothyanderson@abtech.edu or by phone at 828-782-2626.

Total Cost Estimate

Tuition per Semester (NC Resident) \$1,216.00 (16+ credit hours)
\$76.00/credit hour (1-15 hours)

Computer Use and Technology Fee \$48/semester

Activity Fee Fall and Spring semesters only,
Main campus and Online, \$35.00

CAPS Fee (Campus Access, Parking and Security) \$20/semester

Matriculation Fee \$10/semester

Student Insurance \$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/career-pilot-technology-aas-cost-estimate>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

*Note, A-B Tech does not offer AER 151 Flight - Private Pilot as part of the Career Pilot pathway. To earn your private pilot certificate (license), you can complete your training at our flight school provider, WNC Aviation, at any other FAA-certified flight school, or with any FAA-certified flight instructor. Once you obtain your private pilot certificate, you will receive credit via licensure for the AER 151 course.



Courses requiring a grade of "C" or better: ACA and AER

	Course Prefix	Course Name	Credit Hours
Preadmission Requirements*			
	AER 151	Flight - Private Pilot	1
First Semester (Fall)	ACA 115	Success & Study Skills	1
	AER 110	Air Navigation	3
	AER 113	History of Aviation	2
	AER 150	Private Pilot Flight Theory	3
	ENG 111	Writing and Inquiry	3
	MAT 121	Algebra/Trigonometry I	3
Second Semester (Spring)	AER 111	Aviation Meteorology	3
	AER 160	Instrument Flight Theory	3
	AER 161	Flight-Instrument Pilot	2
	COM 231	Public Speaking	3
	PHY 110	Conceptual Physics	3
	PHY 110A	Conceptual Physics Lab	1
Third Semester (Summer)	AER 114	Aviation Management	3
	AER 215	Flight Safety	3
	AER 218	Human Factors in Aviation	2
Fourth Semester (Fall)	AER 112	Aviation Laws and FARs	2
	AER 170	Commercial Flight Theory	3
	AER 216	Engines & Systems	3
	CIS 110	Introduction to Computers	3
	PSY 150	General Psychology	3
Fifth Semester (Spring)	AER 171	Flight-Commercial Pilot	3
	AER 210	Flight Dynamics	3
	AER 211	Air Traffic Control	2
	AER 217	Air Transportation	3
	HUM 115	Critical Thinking	3
Program Totals:			67

The Career Pilot pathway requires the successful completion of AER 151 Flight - Private Pilot as a preadmission requirement to the program.

Students aspiring to enter the Career Pilot pathway can still enter the Aviation program as Aviation Management students initially. Once the Private Pilot certificate (license) is obtained, the student may switch into the Career Pilot pathway.