



Aviation Technology With Business Option

■ What Is Aviation Technology?

Aviation technology combines flight training with associated on-the-ground skills to prepare you for a career as a commercial pilot. While most of us think of “pilots” flying passenger airliners, in reality they fly many types of aircraft for a variety of businesses. Besides piloting for the major and commuter airlines, there are cargo jet pilots, corporate jet pilots, and charter services pilots; pilots who fly pipeline & power line aerial inspection, do aerial photography, and conduct sight-seeing flights. Some pilots participate in firefighting, rescue searches and law enforcement. Some pilots become flight instructors.

Being a pilot involves safety, use of crew resources, knowledge of weather, navigation, and intimate knowledge of the aircraft and the mechanics of flight. Aviation technology insures you learn these skills along with your flight training.

■ Success Factors

You must be able to make quick decisions and accurate judgments under pressure. You must be able to maintain a high level of alertness while working irregular work schedules and spending time away from home. You must be physically fit, have excellent eyesight, and be able to pass the required FAA physicals. You must also be organized and detail oriented.

■ Career Possibilities

You can look forward to employment as a pilot in many specialized areas. Opportunities include the following:

airline pilot	aviation management
corporate pilot	flight instructor
charter pilot	airport manager
military	airline dispatcher
law enforcement	

■ Majoring In Aviation Technology

Your training in primary, advanced, and instrument flight will be complemented with two years of college general studies, a standard increasingly demanded by top aviation employers. You will study all facets of safe, efficient aircraft operation, including flight planning, weather evaluation, and advanced flight deck technology. Courses in algebra, trigonometry, physics, psychology, economics, and information management and data processing give you the knowledge you will need to advance in the industry.

As part of the program, you will complete the rigorous requirements and practical tests for the Federal Aviation Administration (FAA) Private and Commercial Pilot Certificates, with Instrument Rating.

You should be able to complete your degree in 2 years of full-time study. Due to the rigor of this program, you should plan on summer studies between your first and second years.

You should note that many aviation employers are seeking pilots with a unique mix of technical, administrative and organizational skills along with knowledge of business activities and interest in achieving business related objectives. At UC, you have the opportunity to master these skills by combining your aviation degree with a bachelor's degree in business administration from UC's College of Business Administration (CBA). (Aviation students can transfer 51 credit hours of pilot lecture coursework into a bachelor's program at the junior level.) If you choose this option, you should also plan on summer studies after your second year.

■ Program Requirements

You should check with your academic advisor every quarter *before* you register for classes. Two years is really a short time to squeeze in all of your degree requirements. We cannot offer every course every quarter. If you miss taking a prerequisite for a required course, or don't take a particular course the only quarter it is offered during the year, you can jeopardize your ability to complete your degree on time.

CORE COURSES	Cr. Hrs.
Introduction to Aviation Technology	1
Pilot Lectures I, II, III	9
Pilot Flight I, II, III, IV, V, VI	12
Cross Country Flight	2
Survey of Meteorology	3
Instrument Flight Operations.....	3
Commercial Flight Operations and Theory.....	3
Comprehensive Aviation Training Theory.....	3
Management of Crew Resources	3
Aircraft Turbine and Piston Engines	3
Introduction to Information Processing	3
Principles of Information Systems	3
Effective Public Speaking	3
Principles of Economics I, II.....	6
English Composition I, II.....	6
Intermediate Composition.....	3
College Algebra I, II.....	6
Trigonometry	3
College Physics I.....	4
College Physics Lab I	1
General Education electives *	9
Psychology/Sociology elective	3
TOTAL.....	92

** Do not take if choosing the Business Option*

With Business Option

Financial Accounting I, II	6
Managerial Accounting I, II.....	6
The Legal Environment of Business.....	3
Business Communications.....	3
Introduction to Business <i>or</i> Principles of Management.....	3
Finite Math	3
Applied Calculus I, II.....	6
Business Statistics I, II, III	9

■ Advantages & Special Opportunities

The Clermont campus is on 92 wooded acres located in Batavia, Ohio, in the heart of Clermont County. We are relatively small and our faculty to student ratio is low. You will find our small class size and personal interaction with your instructors create the ideal learning environment. Parking is convenient and at no additional charge. Plus, our tuition is the lowest of the UC colleges.

As an aviation student, you will be part of a group of dedicated students who receive individualized attention on the ground and in the air. You will receive specialized flight instruction using an advanced simulator with visual display and learn from the highly rated aviation staff at Sporty's Academy, the acclaimed education affiliate of Sporty's Pilot Shop, the world's largest provider of aviation educational material.

Your actual flight time will be logged in a fleet of fifteen aircraft, including a glass cockpit Cessna 172, the high performance Beechcraft Bonanza, the multi-engine Piper Aztec, and the Diamond Motorglider. (Additional flight fees apply.)

Additional benefits include the opportunity to participate in one of several professional internship programs with locally based airlines. In fact, selected graduates can work as flight instructors at Sporty's Academy, logging flight time while continuing their education.

For flight licensing information, visit www.faa.gov/pilots/

■ Admissions

UC Clermont College is an open admissions campus. If you have your high school diploma, GED, or its equivalent, we will admit you. However, application into the program is requested by July 15; later admissions are on a space-available basis only.

To be accepted into the aviation program, you must pass an FAA medical examination.

You should plan to start aviation technology in the fall quarter because the basic series of foundation courses required for this program starts in the fall and continues sequentially through the spring.

Financial aid takes 6-8 weeks to process.

■ For More Information, Contact:

Enrollment & Student Services
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