

Aeronautical Management Technology (Professional Flight), BS

TSAMTFBS

Is your dream to become an airline pilot? At ASU, you have access to the latest in flight training devices, like a level 5 regional jet flight simulation training device and a high-altitude simulation chamber. Enjoy these and many other educational opportunities distinct among collegiate aviation programs.

Program description

Students in the professional flight concentration of the BS program in aeronautical management technology learn to fly in an academic environment that prepares graduates for careers as professional pilots.

Flight training is offered by an ASU-approved flight provider in late-model aircraft equipped with state-of-the-art avionics.

Students may take advantage of pathway agreements for guaranteed interviews with regional air carriers.


This program is for students who are seriously interested in becoming professional airline pilots. Graduates are prepared to assume responsibilities in a wide variety of technically related areas within professional aviation flight operations.

The Aviation Accreditation Board International accredits this program and the Federal Aviation Administration certifies flight and ground instruction.

Additional course-related fees apply; students should see the [program website](#) for more information.

At a glance

- College/School: [Ira A. Fulton Schools of Engineering](#)

- **Location:** [Polytechnic](#)
- **Second language requirement:** No
- **First required math course:** MAT 170 - Precalculus
- **Math intensity:** Moderate 

Required courses (Major Map)

[2024 - 2025 Major Map](#)

[Major Map \(Archives\)](#)

Concurrent program options

Students pursuing concurrent degrees (also known as a "double major") earn two distinct degrees and receive two diplomas. Working with their academic advisors, students can create their own concurrent degree combination. Some combinations are not possible due to high levels of overlap in curriculum.

Accelerated program options

This program allows students to obtain both a bachelor's and master's degree in as little as five years. It is offered as an **accelerated bachelor's plus master's degree** with:

[Technology \(Aviation Management and Human Factors\), MSTech](#)

Acceptance to the graduate program requires a separate application. Students typically receive approval to pursue the accelerated master's during the junior year of their bachelor's degree program. Interested students can learn about eligibility requirements and [how to apply](#).

Admission requirements

General university admission requirements:

All students are required to meet general university admission requirements.

[First-year](#) | [Transfer](#) | [International](#) | [Readmission](#)

Additional requirements:

This major has [additional admission requirements](#), including Federal Aviation Administration requirements. Students are admitted with preprofessional status and must complete additional requirements for admission to the professional program.

Tuition information

When it comes to paying for higher education, everyone's situation is different. Students can learn about [ASU tuition and financial aid](#) options to find out which will work best for them.

Change of Major Requirements

Current ASU students wishing to change their major to professional flight must have a minimum cumulative ASU GPA of 2.00.

Students should visit the [Change of Major form](#) for information about how to change a major to this program.

Transfer options

ASU is committed to helping students thrive by offering tools that allow personalization of the transfer path to ASU. Students may use [MyPath2ASU®](#) to outline a list of recommended courses to take prior to transfer.

ASU has [transfer partnerships](#) in Arizona and across the country to create a simplified transfer experience for students. These pathway programs include exclusive benefits, tools and resources, and they help students save time and money in their college journey.

Global opportunities

Global experience

Aviation is a global industry, and understanding intercultural communication is vital to succeeding in it. [Study abroad programs](#) offered around the globe give insight toward the study of professional flight. Students can further their skills in communication and administration and gain commercial experience while in an international setting.

Career opportunities

The professional flight concentration offers students private pilot, commercial pilot and flight instructor certificates as well as instrument pilot, instrument instructor and multiengine pilot ratings. With these flight qualifications and the technically based bachelor's degree, the graduate has a wide variety of career opportunities, including flight crew service on commercial and business aircraft as an airline or corporate pilot.

Example job titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience and geographical location may affect pay scales. Some jobs also may require advanced degrees, certifications or state-specific licensure.

Career

***Growth** ***Median salary**

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<u>Airline Pilot</u>	3.9%	\$211,790
<u>Commercial Pilot</u>	4.0%	\$103,910
<u>Emergency Service Dispatcher (Police, Fire, Ambulance)</u>		\$44,830

* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).



Professional licensure

ASU programs that may lead to professional licensure or certification are intended to prepare students for potential licensure or certification in Arizona. Completion of an ASU program may not meet educational requirements for licensure or certification in another state. For more information, students should visit the [ASU professional licensure](#) webpage.

Students should note that not all programs within the Ira A. Fulton Schools of Engineering lead to professional licensure.

Contact information

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