Aeronautical Management Technology
(Professional Flight), **BS**

TSAMTFBS

Is your dream to become an airline pilot? Arizona's clear skies offer the best flying environment in the country. You have access to the latest in flight training devices, like a Level 5 regional jet flight simulation training device and the high-altitude simulation chamber. Enjoy educational opportunities unique 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. Flight instruction takes place at the Phoenix-Mesa Gateway Airport, adjacent to the Polytechnic campus.

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.

ASU offers programs that lead to professional licensure with the state of Arizona and may allow graduates to be eligible for licensure in other states. Students should check the professional licensure list
for the Ira A. Fulton Schools of Engineering to determine if this program meets requirements in their state: https://asuonline.asu.edu/about-us/licensure/. Students should note that not all programs within the Fulton Schools of Engineering lead to professional licensure.

At a Glance

- **College/School:** Ira A. Fulton Schools of Engineering
- **Location:** Polytechnic campus
- **Additional Program Fee:** Yes
- **Second Language Requirement:** No
- **First Required Math Course:** MAT 170 - Precalculus
- **Math Intensity:** Moderate

Required Courses (Major Map)

2021 - 2022 Major Map
Major Map (Archives)

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 and master's degree with:

Technology (Aviation Management and Human Factors), MSTech

Acceptance to the graduate program requires a separate application. During their junior year, eligible students are advised by their academic departments to apply.

Admission Requirements

**General University Admission Requirements:**
All students are required to meet general university admission requirements.

[Freshman](#) | [Transfer](#) | [International](#) | [Readmission](#)

**Additional Requirements:**

This major has additional admission requirements including Federal Aviation Administration requirements. Students are admitted to the preprofessional status and must complete additional
requirements for admission to the professional program. Students should see [https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process](https://poly.engineering.asu.edu/aviation/professional-flight-bs/secondary-application-process) for more information.

**Change of Major Requirements**

A current ASU student has no additional requirements for changing majors.

Students should refer to [https://changemajor.apps.asu.edu](https://changemajor.apps.asu.edu) 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™](https://changemajor.apps.asu.edu) 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 help students save time and money in their college journey. Students may learn more about these programs by visiting the admission site: [https://admission.asu.edu/transfer/pathway-programs](https://admission.asu.edu/transfer/pathway-programs).

**Global Opportunities**

**Global Experience**

The aviation industry is a global one, 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. [https://goglobal.asu.edu/](https://goglobal.asu.edu/)

**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.

Career examples include but are not limited to those shown in the following list. Advanced degrees or certifications may be required for academic or clinical positions.
### Career Growth and Median Salary

<table>
<thead>
<tr>
<th>Career</th>
<th>*Growth</th>
<th>*Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline Pilot</td>
<td>3.4%</td>
<td>$137,330</td>
</tr>
<tr>
<td>Commercial Pilot</td>
<td>3.8%</td>
<td>$78,740</td>
</tr>
<tr>
<td>Emergency Service Dispatcher (Police, Fire, Ambulance)</td>
<td></td>
<td>$38,790</td>
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</tbody>
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* Data obtained from the Occupational Information Network (O*NET) under sponsorship of the U.S. Department of Labor/Employment and Training Administration (USDOL/ETA).

🌞 Bright Outlook  🌿 Green Occupation

### Contact Information

Aviation Programs | WANER 201  
polyadvising@asu.edu | 480-727-1874