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 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.

At a Glance
• **College/School:** Ira A. Fulton Schools of Engineering  
• **Location:** Polytechnic  

• **Additional Program Fee:** Yes  
• **Second Language Requirement:** No  
• **First Required Math Course:** MAT 170 - Precalculus  
• **Math Intensity:** Moderate

**Required Courses (Major Map)**

**2022 - 2023 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 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.  
**First-year | 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 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. Students may learn more about these programs by visiting the admission site: https://admission.asu.edu/transfer/MyPath2ASU.

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. 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.

<table>
<thead>
<tr>
<th>Career</th>
<th>*Growth</th>
<th>*Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airline Pilot</td>
<td>2.8%</td>
<td>$160,970</td>
</tr>
<tr>
<td>Commercial Pilot</td>
<td>9.1%</td>
<td>$93,300</td>
</tr>
</tbody>
</table>
Emergency Service Dispatcher (Police, Fire, Ambulance) $40,980

* 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

**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. [https://admission.asu.edu/academics/licensure](https://admission.asu.edu/academics/licensure)

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

**Contact Information**

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