Aeronautical Management Technology (Professional Flight), BS

TSAMTFBS

Arizona's clear skies offer the best flying environment in the country. Students have access to state-of-the-art flight training devices, including a Level 5 regional jet flight simulation training device. Other facilities, like the high-altitude simulation chamber, provide students with educational opportunities unique among collegiate aviation programs.

Program Description

Students in the professional flight concentration 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. The Polytechnic campus is adjacent to the Phoenix-Mesa Gateway Airport where flight instruction takes place. 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 campus
• Additional Program Fee: Yes
• Second Language Requirement: No
• First Required Math Course: MAT 170 - Precalculus
• Math Intensity: Moderate

Required Courses (Major Map)

2018 - 2019 Major Map
Major Map (Archives)

Accelerated Degrees

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 will be 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 will be admitted to the preprofessional status and then complete additional requirements for admission to the professional program. See http://innovation.asu.edu/degrees-programs/human-environmental-systems/professional-flight-undergraduate for more information.

Change of Major Requirements

A current ASU student has no additional requirements for changing majors. Students should refer to https://students.asu.edu/changingmajors for information about how to change a major to this program.
Global Opportunities

Global Experience

With over 250 programs in more than 65 countries (ranging from one week to one year), study abroad is possible for all ASU students wishing to gain global skills and knowledge in preparation for a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and may apply financial aid and scholarships toward program costs. https://mystudyabroad.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.

Career opportunities include:

- airline pilot
- 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>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>3.8%</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

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