Aeronautical Management Technology (Air Transportation Management), BS

Program Description

The air transportation management concentration of the BS program in aeronautical management technology provides students with a strong foundation of aviation concepts, including airline administration, airport planning, aviation law, policy and human factors as well as technical knowledge focusing on power plants, structures and aerodynamics. Students progress into courses on the business and management and operational aspects of aviation such as airline administration and airport planning. All students finish the program by participating in an internship within industry and completion of a capstone project.

This program prepares students for leadership positions within airlines, airports, government, consulting and entrepreneurial enterprises.

The Aviation Accreditation Board International accredits this program.

This major is eligible for the Western Undergraduate Exchange program at the following location: Polytechnic campus. Students from Western states who select this major and campus may be eligible for reduced nonresident tuition at a rate of 150% of Arizona resident tuition plus all applicable fees. Students should click the link for more information and eligibility requirements of the WUE program.

At a Glance

- **College/School:** Ira A. Fulton Schools of Engineering
- **Location:** Polytechnic WUE

- **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**

### 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://mypath.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 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 for air transportation management students in countries such as the United Kingdom, Germany and Australia offer a global perspective and knowledge to prepare students to lead in a 21st century career. Students earn ASU credit for completed courses, while staying on track for graduation, and they may apply financial aid and scholarships toward program costs.
https://goglobal.asu.edu/

Career Opportunities

A degree in air transportation management prepares graduates for these careers:

- airline manager
- airline operations manager
- airport manager
- aviation consulting
- entrepreneurial ventures
- fixed based operations
- general aviation operations manager
- governmental positions with the Federal Aviation Administration, Department of Transportation and National Transportation Safety Board

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>Distribution Center Manager</td>
<td>3.5%</td>
<td>$96,390</td>
</tr>
</tbody>
</table>

* 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.

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

Contact Information

Aviation Programs | SUTON 240
polyadvising@asu.edu | 480-727-1874