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 completing 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)

2023 - 2024 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

Tuition Information

When it comes to paying for college, 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

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

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

The aviation industry is a global one, and understanding intercultural communication is vital to succeeding in it. Through the rich educational and interpersonal experiences inherent in study abroad, students learn to thrive in a global environment.

With over 300 Global Education program opportunities available, students are able to tailor their experience to their unique interests and skill sets. Whether in a foreign country, in the U.S. or online, students build communication skills, learn to adapt and persevere, and are exposed to research and internships across the world, increasing their professional network.

A resume enhanced by the valuable study abroad experience will impress prospective employers, and it also will help the student stand out should they decide to pursue advanced study.

Career Opportunities

Graduates with a degree in air transportation management are prepared for these careers:

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

Career example titles and salaries listed below are not necessarily entry level, and students should take into consideration how years of experience, geographical location, and required advanced degrees or certifications may affect pay scales.
**Career**

<table>
<thead>
<tr>
<th>Distribution Center Manager</th>
<th><em>Growth</em></th>
<th><em>Median Salary</em></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.2%</td>
<td>$98,560</td>
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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

**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 Fulton Schools of Engineering lead to professional licensure.

**Contact Information**

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