MS Tech Technology
(Aviation Management and Human Factors)

Degree Requirements

The MSTech with a concentration in aviation management and human factors requires a minimum of 33 credit hours. These credit hours must include the following:
- 33 credit hours and a thesis (AMT599), or
- 33 credit hours and an applied project, including the required applied project course (AMT 593)

Coursework

Core Courses (12 credit hours)
- TEM 530 Statistics Bootcamp for Industry (3)
- OMT 549 Research Techniques and Applications (3)
- TMC 555 Leadership and Teams (3)
- AMT 533 Training Systems & Simulation (3)

Focus Area Courses (15 credit hours from the following areas)

Aviation Management
- AMT 522 Aviation Law
- AMT 525 Airport Plan & Design
- AMT 526 Aviation Labor Relations
- AMT 527 Airline Management Strategies
- AMT 534 Airline Pricing & Yield Management

Human Factors
- AMT 541 Aerospace Physiology
- AMT 546 Crew Resource Management
- PSY 562 Advanced Human Factors
- AMT 565 Safety in Complex Systems
- AMT 570 Unmanned Aerial Systems

Elective Course (3 credits, if applied project is selected)
- Chosen in conjunction with the student’s advisor or committee

Culminating Experience (3 or 6 credits)
- Select one (1) culminating experience
  - AMT 599 Thesis (6 credits) OR
  - AMT 593 Applied Project (3 credits)

**Courses are subject to change and are not typically offered every semester. See program website, graduate advising or department with questions.

Questions? Contact polygrad@asu.edu or 480.727.4723