

2014 - 2015 Major Map

Aeronautical Management Technology (Professional Flight), BS

School/College: Ira A. Fulton Schools of Engineering
TSAMTFBS

| Term 1 0 - 14 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|--|
| ⚠ AMT 105: Flight Operations and Safety I | 1 | C | <ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses • ASU Math Placement Exam score determines placement in Mathematics course • ASU 101 or College specific equivalent First Year Seminar required of all freshman students • CTI 101 required of all freshman students |
| ⚠ AMT 182: Private Pilot Ground School | 3 | C | |
| ⚠ AMT 220: Aviation Meteorology | 3 | C | |
| ⚠ CTI 101: Success in Technology & Innovation | 1 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| MAT 265: Calculus for Engineers I (MA) | 3 | C | |
| ⚠ Milestone: Secondary Admission to Professional Status. | | | |
| Term hours subtotal: | 14 | | |

| Summer 2 14 - 15 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⚠ AMT 150: Flight Operations & Safety III | 1 | C | |
| Term hours subtotal: | 1 | | |

| Term 2 15 - 30 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⚠ AMT 101: Introduction to Aeronautical Management Technology | 1 | C | |
| ⚠ AMT 110: Flight Operations and Safety II | 1 | C | |
| ⚠ PHY 111: General Physics (SQ) AND PHY 113: General Physics Laboratory (SQ) | 4 | C | |
| ⚠ AMT 222: Commercial/Instrument Ground School II | 3 | C | |
| ECN 211: Macroeconomic Principles (SB) OR ECN 212: Microeconomic Principles (SB) | 3 | | |
| ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition | 3 | C | |
| ⚠ Complete ENG 101 OR ENG 105 OR ENG 107 course(s). | | | |
| Term hours subtotal: | 15 | | |

| Term 3 30 - 48 Credit Hours Critical course signified by ⚠ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ⚠ AMT 205: Flight Operations and Safety IV | 1 | C | |
| ⚠ AMT 280: Aerospace Structures, Materials and Systems | 4 | C | |
| ⚠ PHY 112: General Physics (SQ) AND PHY 114: General Physics Laboratory (SQ) | 4 | | |
| AMT 214: Commercial/Instrument Ground School I | 3 | C | |
| PSY 101: Introduction to Psychology (SB) | 3 | C | |

Humanities, Arts and Design (HU) AND Historical Awareness (H) 3

❗ Complete Mathematics (MA) requirement.

Term hours subtotal: 18

| Term 4 48 - 60 Credit Hours Critical course signified by ❗ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ❗ AMT 210: Flight Operations and Safety V | 1 | C | |
| AMT 201: Air Traffic Control | 3 | C | |
| AMT 286: Multiengine Pilot Ground School | 1 | C | |
| AMT 287: Aircraft Powerplants | 4 | C | |
| Literacy and Critical Inquiry (L) | 3 | | |
| Term hours subtotal: | 12 | | |

| Summer 4 60 - 61 Credit Hours | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| AMT 250: Flight Operations and Safety VI | 1 | C | |
| Term hours subtotal: | 1 | | |

| Term 5 61 - 77 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ AMT 305: Flight Operations and Safety VII | 1 | C | |
| ★ AMT 442: Aviation Law/Regulations | 3 | C | |
| AMT 285: Flight Instructor Ground School | 3 | C | |
| AMT 308: Air Transportation (G) | 3 | C | |
| AMT 350: Aircraft Design and Logistics Management | 3 | C | |
| PSY 230: Introduction to Statistics (CS) | 3 | | |
| Term hours subtotal: | 16 | | |

| Term 6 77 - 91 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ AMT 292: Flight Instructor Instrument Ground School | 3 | C | |
| ★ AMT 310: Flight Operations and Safety VIII | 1 | C | |
| AMT 382: Air Navigation | 3 | C | |
| AMT 396: Aviation Professional | 1 | C | |
| AMT 444: Airport Management and Planning | 3 | C | |
| Upper Division Humanities, Arts and Design (HU) or Upper Division Social-Behavioral Sciences (SB) | 3 | | |
| Term hours subtotal: | 14 | | |

| Term 7 91 - 106 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|--|-------|---------------|-------|
| ★ AMT 408: National Aviation Policy | 3 | C | |
| AMT 410: Aviation Safety and Human Factors | 3 | C | |
| AMT 482: Airline Instrument Procedures | 3 | C | |
| AMT 486: Regional Jet Aircraft Systems | 3 | C | |
| AMT 488: Regional Jet Aircraft Systems II | 3 | C | |
| Term hours subtotal: | 15 | | |

| Term 8 106 - 120 Credit Hours Necessary course signified by ★ | Hours | Minimum Grade | Notes |
|---|-------|---------------|-------|
| ★ AMT 489: Airline Administration | 3 | C | |
| AMT 484: Internship | 2 | C | |
| AMT 490: Regional Jet Operations Capstone | 3 | C | |

| | |
|---|----|
| TWC course (L) Upper Division | 3 |
| Humanities, Arts and Design (HU) AND Cultural Diversity in the U.S. (C) | 3 |
| Term hours subtotal: | 14 |

Hide Course List(s)/Track Group(s)

Total Hours: 120

Upper Division Hours: 45 minimum

Major GPA: 2.00 minimum

Cumulative GPA: 2.00 minimum

Total hrs at ASU: 30 minimum

Hrs Resident Credit for

Academic Recognition: 56 minimum

Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2014 - 2015 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.