













2024 - 2025 Major Map

Aeronautical Management Technology (Air Transportation Management), BS

School/College: [Ira A. Fulton Schools of Engineering](#)
TSAMTMBS

Term 1 0 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 AMT 182: Private Pilot Ground School	3	C	<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Prep for success using the First-Year Student Guide. Join a Fulton community. Explore engineering and technical professions.
 ASU 101-TPS: The ASU Experience	1		
AMT 220: Aviation Meteorology	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
MAT 170: Precalculus (MATH OR MA)	3	C	
Term hours subtotal:	13		
Term 2 13 - 29 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 HSE 101: Introduction to Human Systems Engineering (SOBE OR SB) OR PSY 101: Introduction to Psychology (SOBE OR SB)	3	C	<ul style="list-style-type: none"> Create a Handshake profile. Get involved with EPICS, the Generator Labs, and the Fulton Start-Up Center.
AMT 201: Air Traffic Control	3	C	
ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
PHY 111: General Physics (SCIT OR SQ)	3	C	
PHY 113: General Physics Laboratory (SCIT OR SQ)	1	C	
Humanities, Arts and Design (HUAD)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			Term hours subtotal: 16
Term hours subtotal:	16		
Term 3 29 - 43 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TMC 110: Understanding the Enterprise	3	C	<ul style="list-style-type: none"> Prep for success using the Sophomore Guide.
AMT 280: Aerospace Structures, Materials and Systems	4	C	
Scientific Thinking in Natural Sciences (SCIT)	4		
Sustainability (SUST)	3		
 Complete MAT 170 course(s).			
 Complete Mathematics (MATH) requirement.			
Term hours subtotal:	14		
Term 4 43 - 58 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
HSE 230: Statistics for Human Systems Research I (QTRS OR CS)  OR PSY 230: Introduction to Statistics (QTRS OR CS) OR STP 226: Elements of Statistics (QTRS OR CS)	3	C	<ul style="list-style-type: none"> Pursue an undergraduate research experience. Apply for internships.

AMT 287: Aircraft Powerplants	4	C
Governance and Civic Engagement (CIVI)	3	
Complete 2 courses:	5	
Elective		
Term hours subtotal:	15	

- Attend career fairs and events.

Term 5 58 - 74 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 330: Leading the Enterprise	3	C	<ul style="list-style-type: none"> • Plan for success using the Junior Guide. • Network at student organization competitions or professional societies.
AMT 308: Air Transportation (GCSI OR G)	3	C	
AMT 350: Aircraft Design and Logistics Management	4	C	
AMT 442: Aviation Law and Regulations	3	C	
Humanities, Arts and Design (HUAD) (HST 319 recommended)	3		
Term hours subtotal:	16		

Term 6 74 - 90 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ TMC 310: Promotion of the Enterprise	3	C	<ul style="list-style-type: none"> • Research and prepare for graduate school. • Apply for a Fulton Schools 4+1 program. • Develop a professional profile online.
AMT 396: Aviation Professional	1	C	
TMC 410: Enterprise Operations	3		
American Institutions (AMIT)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		

Term 7 90 - 105 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 408: National Aviation Policy	3	C	<ul style="list-style-type: none"> • Plan for success using the Senior Guide. • Use Handshake to apply for full-time positions. • Complete an in-person or virtual practice interview.
AMT 410: Aviation Safety and Human Factors	3	C	
AMT 444: Airport Management and Planning	3	C	
OMT 343: Occupational Safety and Ergonomics OR OMT 430: Ethical Issues in Technology OR OMT 440: International Business (G) OR OMT 452: Intrapreneurship in Industrial Human Resource Management OR OMT 480: Organizational Effectiveness	3		
TMC 430: Enterprise Strategy and Innovation	3		
Term hours subtotal:	15		

Term 8 105 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ AMT 491: Aviation Management Capstone	3	C	
AMT 456: Organized Labor in Aviation	3	C	
AMT 484: Internship OR Technical Elective	3	C	
AMT 489: Airline Administration	3	C	
TMC 470: Enterprise Planning and Implementation	3		
Term hours subtotal:	15		

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

Technical Elective
AMT Elective
ATC Elective

HSE Elective

OGI Elective

OMT Elective

TEM Elective

TMC Elective

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- **University Undergraduate Graduation Requirements**

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 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.