Lower Division General Education Requirements (39 units)

BLOCK A – Basic Subjects (9 units)
A1: COMM 1100 or HNRS 1100
A2: ENGL 1005B or ENGL 1010
A3: COMM 1200/ENGL 1005/PHIL 1600/POLS 1555

1 course each A1, A2, A3
Oral Communication (3)
Written Communication (3)
Critical Thinking and Composition (3)

American Institutions (6 units)
U.S. History
POLS 1000

BLOCK B – Natural Sciences & Mathematics/ Quantitative Reasoning (9 units)

B1 – CHEM 1000 or PHYS 1560, 1570
B2 – Biological
B3 – Interdisciplinary Physical / Biological
B4 – MATH 1000 or 1020

*B3 course can be taken in place of either B1 or B2, but not both
1 course B4
1 course (3)
1 course (3)
1 course (3)

BLOCK C – Arts and Humanities (6 units)
BLOCK D – Social Sciences (6 units)
BLOCK E – Lifelong Understanding and Self-Development (3 units)

University Requirement
Writing Proficiency Exam (WPE) UNIV 4000 (0) Prerequisites: Prior to completing 90 semester units, Satisfactory completion of A3

Lower Division Required Courses (21 units):
The major requires 21 semester units of lower division work for student who have completed a two-year community college program (or the first two years at a four-year institution) in flight training, airframe and power plant maintenance, aviation administration, or similar aviation-oriented program.

Foundation Program (21 units): Required Courses for first-time freshmen
TECH 1100 Introduction to Design Application and 3D Modeling (3)
TECH 1400 General Aeronautics (3)
CIS 1200 Information and Technology Literacy (3)
TECH 1430 Airport Operations (3)
ACCT 2100 Principles of Financial Accounting (3)
ECON 2090 Applied Business and Economic Statistics I (3)
GEOG 1700 Meteorology (3)

Required Courses (45 units):
TECH 3410 General Aviation Operations and Administration (3)
TECH 3420 Airline Administration (3)
TECH 3430 Airport Administration (3)
TECH 3440 Aviation Law (3)
TECH 3450 Air Cargo (3)
TECH 4000 Written Communication Skills for Industrial Tech (3)
TECH 4400 Safety Factors in Aviation (3)
TECH 4460  Airport Finance (3)  
TECH 4470  Senior Seminar: Aviation Problems (3)  
MKT 3100  Principles of Marketing (3)  
FIN 3030  Business Finance (3)  
GEOG 4570  Transportation Geography (3)  
MGMT 3060  Operations Management (3)  
MGMT 4500  Case Studies in Operations Management (3)  
MGMT 4504  Supply Chain Management (3)  

Select one of the following Tracks:

Aviation Track Electives (6 units)  
TECH 3400  Airline Operations (3)  
TECH 3460  National Airspace System and Air Traffic Control (3)  
TECH 4410  Aviation Sales (3)  
TECH 4420  Airport Planning (3)  
TECH 4430  Air Transportation (3)  
TECH 4480  Case Studies in Airline Finance (3)  

Management Minor Track Electives (6 units)  
MGMT 4501  Process Design and Improvement (3)  
MGMT 4502  Production and Inventory Management (3)  
MGMT 4503  Total Quality Management (3)  
MGMT 4505  Project Management (3)  
MGMT 4506  Service Management (3)  
MGMT 4105  Managerial Leadership and Motivation (3)  

General Education Upper Division Theme (9 units)  
UPPER DIVISION GE THEME  3 Courses (9 units)  

Notes:
- GE requirements must add up to at least 48 semester units. (39 Lower Division, 9 Upper Division units)  
- An Introduction to Higher Education course (IHE) is required of all first-time freshmen.  
- A minimum C grade in A1, A2, A3, and B4 classes is required. A ‘C-’ grade is not acceptable.  
- A minimum C grade average in general education is required.  
- Student must pass the Writing Proficiency Exam (WPE)  
- Civic Learning/Community Engagement Requirement (6 semester units). One (cl) course must be completed at upper division general education level. These courses are designated as (cl) after the course listing.  
- Diversity Requirement (6 semester units). Student must complete one race/ethnicity (re) course and one diversity (d) course or another race/ethnicity (re) course. These courses are designated as (re) and (d) after the course listing.  
- Writing Intensive Requirement (6 semester units). Students must complete two writing intensive (wi). Courses, with at least one in their major. These courses are designated as (wi) after the course listing.