### 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 1050/PHIL 1600/POLS 1555
  - Oral Communication (3)  
  - Written Communication (3)  
  - Critical Thinking and Composition (3)

**American Institutions (6 units)**
- U.S. History
- U.S. Constitution

**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
  - 1 course (3)

**NOTE:** B3 (course can be taken in place of either B1 or B2, but not both)

**BLOCK C – Arts and Humanities (6 units)**

**BLOCK D – Social Sciences (6 units)**

**BLOCK E – Lifelong Understanding and Self-Development (3 units)**

### Lower Division Required Courses (21 units):

*The major requires 21semester 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)  
  - Prerequisites: None
- TECH 1400: General Aeronautics (3)  
  - Prerequisites: None
- CIS 1200: Information and Technology Literacy (3)  
  - Prerequisites: None
- TECH 1430: Airport Operations (3)  
  - Prerequisites: None
- ACCT 2100: Principles of Financial Accounting (3)  
  - Prerequisites: None
- ECON 2090: Applied Business and Economic Statistics I (3)  
  - Prerequisites: MATH 930 or satisfactory score on mathematics placement examination
- GEOG 1700: Meteorology (3)  
  - Prerequisites: None

### Required Courses (45 units):

- TECH 3410: General Aviation Operations and Administration (3)  
  - Prerequisites: None
- TECH 3420: Airline Administration (3)  
  - Prerequisites: Upper division standing
- TECH 3430: Airport Administration (3)  
  - Prerequisites: Upper division standing or with permit of instructor
- TECH 3440: Aviation Law (3)  
  - Prerequisites: Upper division standing
- TECH 3450: Air Cargo (3)  
  - Prerequisites: Upper division standing or with permit of instructor
- TECH 4000: Written Communication Skills for Industrial Tech (3)  
  - Prerequisites: Writing Proficiency Exam (WPE)
- TECH 4400: Safety Factors in Aviation (3)  
  - Prerequisites: Upper division standing
- TECH 4460: Airport Finance (3)  
  - Prerequisites: None
- TECH 4470: Senior Seminar: Aviation Problems (3)  
  - Prerequisites: Senior standing
- MKT 3100: Principles of Marketing (3)  
  - Prerequisites: None

*GEOG 1550 is a required course to satisfy the prerequisite for GEOG 4570.*
FIN 3030  Business Finance (3) Prerequisites: ACCT 2100
GEOG 4570  Transportation Geography (3) Prerequisites: GEOG 1550
MGMT 3060  Operations Management (3) Prerequisites: None
MGMT 4500  Case Studies in Operations Management (3) Prerequisites: MGMT 3060
MGMT 4504  Supply Chain Management (3) Prerequisites: MGMT 3060

Select one of the following Tracks:

Aviation Track Electives (6 units)
TECH 3400  Airline Operations (3) Prerequisites: None
TECH 3460  National Airspace System and Air Traffic Control (3) Prerequisites: Upper division standing or with permit of instructor
TECH 4410  Aviation Sales (3) Prerequisites: Upper division standing
TECH 4420  Airport Planning (3) Prerequisites: Upper division standing
TECH 4430  Air Transportation (3) Prerequisites: Upper division standing
TECH 4480  Case Studies in Airline Finance (3) Prerequisites: Upper division standing

Management Minor Track Electives (6 units)
MGMT 4501  Process Design and Improvement (3) Prerequisites: MGMT 3060 or equivalent
MGMT 4502  Production and Inventory Management (3) Prerequisites: MGMT 3060
MGMT 4503  Total Quality Management (3) Prerequisites: MGMT 3060
MGMT 4505  Project Management (3) Prerequisites: None
MGMT 4506  Service Management (3) Prerequisites: MGMT 3060 and MGMT 3070
MGMT 4105  Managerial Leadership and Motivation (3) Prerequisites: MGMT 3070

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 freshman.
• A minimum C- grade in A1, A2, A3, and B4 classes is required. This does not apply to meeting prerequisite for courses that require these courses to be completed with a grade of C or better.
• A minimum C grade average in general education is required of all students following the Fall 2016 or later catalog.
• Civic Learning/Community Engagement Requirement (6 semester units). Three semester units will be fulfilled by completing the IHE course. One (cl) course must be completed at the upper division general education level. These courses are designated as (cl) after the course listing.
• Diversity Requirement (6 semester units). Students 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 (3 semester units). Students must complete one writing intensive (wi) course in their major. These courses are designated as (wi) after the course listing.