CURRICULUM FOR B.S. DEGREE IN AVIATION ADMINISTRATION (120 units)

CALIFORNIA STATE UNIVERSITY, LOS ANGELES
(Effective Fall 2025)

Lower Division General Education Requirements (39 Units)

Category	Course / Requirement	Units	
American Institutions	U.S. History	3	HIST
	U.S. Constitution	3	POLS
Area 1 – English Communication	1A English Composition	3	ENGL 1010
	1B Critical Thinking	3	One course
	1C Oral Communication	3	COMM 1100
Area 2 – Mathematical Concepts and Quantitative Reasoning		3	MATH 1000 or 1020
Area 3 – Arts and Humanities	3A Arts	3	One course
	3B Humanities	3	One course
Area 4 – Social and Behavioral Sciences	Constitution / State / Local Govt.	3	POLS
	One additional course	3	One course
Area 5 – Physical and Biological Sciences	5A Physical Sciences	3	CHEM 1000 or PHYS 1560/70
	5B Biological Sciences	3	One course
	5C Laboratory**	1	CHEM 1000 lab or PHYS 1570
Area 6 – Ethnic Studies		3	One course
IHE – Introduction to Higher Education		2	ENGR 1500***

Lower Division Required Core (21 units): *Required Courses for **first-time freshmen***

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.

ETEC1100	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 0930 or completion of GE B4*
GEOG 1700	Meteorology (3) *Prerequisites: None*

Upper Division Required Core (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 instructor approval* Aviation
TECH 3440	Law (3) *Prerequisites: Upper division standing*
TECH 3450	Air Cargo (3) *Prerequisites: Upper division standing or instructor approval*
TECH 3460	National Airspace System and Air Traffic Control (3) Prerequisites: Upper division standing o permit of instructor
TECH 4000	Written Communication Skills for Industrial Tech (3) *Prerequisites: Completion of GE A2*
TECH 4400	Safety Factors in Aviation (3) *Prerequisites: Upper division standing*
TECH 4420	Airport Planning (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*

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 Concentrations:

Aviation Concentration (6 units)

TECH 3400	Airline Operations (3) *Prerequisites: None*
TECH 4400	Aviation Sales (3) *Prerequisites: Upper division standing*
TECH 4480	Air Transportation (3) *Prerequisites: Upper division standing* Case
TECH 4430	Studies in Airline Finance (3) *Prerequisites: Upper division standing*
TECH4540	Special Topics in Industrial Studies: UAS Operations and Regulations

Operation and Supply Chain Management Concentration (6 units)

MGMT 3070	Management and Organizational Behavior(3) *Prerequisites: None*
MGMT 4105	Managerial Leadership and Motivation (3) *Prerequisites: MGMT 3070*
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*

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 (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.