

# AVIATION AND TRAVEL CAREERS

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Division: Career Technical Education

## Career Technical Education

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### Articulation Agreements

Articulation agreements are in existence for transfer programs to the following universities:

- California State University, Los Angeles
- San Jose State University
- Southern Illinois University

Students should consult a counselor or [www.assist.org](http://www.assist.org) for lower division major requirements for most California public universities. (See the Standard Definitions section of the catalog for a description of ASSIST.) Students transferring to an independent college/university should consult the catalog of the individual school and a counselor for lower division major requirements.

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## Air Force Reserve Officers Training Corps (AFROTC)

Through arrangements with the University of Southern California (USC) and Loyola Marymount University (LMU), three- and four-year Air Force Reserve Officers Training Corps (AFROTC) programs are available to all qualified students at Cypress College. For additional information, visit [www.afrotc.com](http://www.afrotc.com).

Academic units earned in this program are counted as elective units toward fulfillment of graduation requirements. Successful completion of the AFROTC programs leads to a commission as an officer in the United States Air Force. Those students who qualify and desire to enter Air Force pilot training will be given flight instruction in either the two- or four-year program. Competitive scholarships are available to qualified students. All scholarship students receive tuition, laboratory and book fees, and \$350–\$500 a month. For additional information, contact the Department of Aerospace Studies (AFROTC) at Loyola Marymount at (310) 338-2770, or UCLA at (310) 825-1742 ([www.afrotc.ucla.edu](http://www.afrotc.ucla.edu)), or USC at (213) 740-2670.

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### Certified Pilots – Credit By Examination

The Commercial Pilot program at Cypress College is intended to prepare a student for employment in the aviation industry. Although the college offers only ground instruction and ground trainer instruction, it is recognized that flight training and pilot certificates are also required for employment.

In order to complete qualifications for employment, the student arranges for, and secures, the flight training necessary for the needed pilot certificates and ratings. Cypress College and the North Orange County Community College District assume no responsibility or liability for the flight training so obtained.

Pilot certificates and ratings issued to the student by the Federal Aviation Administration will be used as evidence and certification of competency. A maximum of 12 units will be granted via Credit by Examination.

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### Aviation and Travel Careers Transfer Programs

Students should consult a counselor or [www.assist.org](http://www.assist.org) for lower division major requirements for most California public universities. (See the Standard Definitions section of the catalog for a description of ASSIST.) Students transferring to an independent college/university should consult the catalog of the individual school and a counselor for lower division major requirements.

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### Aviation and Travel Careers Program

The Aviation and Travel Careers Program provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary to work in the aviation and travel industries.

### Associate in Science Degrees

- Airline Customer Services
- Aviation Management
- Commercial Pilot
- Flight Attendant
- Travel/Tourism
- UAV/UAS (Drone)

- Career Technical Education - Aviation
- Career Technical Education - Homeland Security
- Career Technical Education - Tourism

## Certificates

- Advanced Airline Customer Services
- Advanced Flight Attendant
- Advanced Travel/Tourism
- Advanced UAV/UAS (Drone)
- Aviation I – Private Pilot
- Aviation II – Instrument Pilot
- Aviation III – Commercial Pilot
- Aviation IV – Advanced Pilot
- Aviation Management
- Basic Airline Customer Services
- Basic Airport Operations
- Basic Cruise Line Sales and Operations
- Basic Flight Attendant
- Basic Tourism and Conference Management
- Basic Travel/Tourism
- Basic UAV/UAS (Drone)
- Homeland Transportation Security Certificate

- Basic Cruise Line Sales and Operations (15 units)
- Basic Tourism and Conference Management (15 units)
- Homeland Transportation Security Certificate (15 units)

<sup>1</sup> Most of the courses required for the ancillary certificates may be applied to one or more of the above degrees.

Students are encouraged to meet with a counselor early in their program studies to optimize their schedules and to reduce the time it takes to complete a program. Students may dual major.

- Advanced Airline Customer Services Certificate
- Advanced Flight Attendant Certificate
- Advanced Travel/Tourism Certificate
- Airline Customer Services Associate in Science Degree
- Aviation I - Private Pilot Certificate
- Aviation II - Instrument Pilot Certificate
- Aviation III - Commercial Pilot Certificate
- Aviation IV-Advanced Pilot Certificate
- Aviation Management Associate in Science Degree
- Aviation Management Certificate
- Basic Airline Customer Services Certificate
- Basic Airport Operations Certificate
- Basic Cruise Line Sales and Operations Certificate
- Basic Flight Attendant Certificate
- Basic Tourism and Conference Management Certificate
- Basic Travel-Tourism Certificate
- Career Technical Education - Aviation Associate in Science Degree
- Career Technical Education - Tourism Associate in Science Degree
- Commercial Pilot Associate in Science Degree
- Flight Attendant Associate in Science Degree
- Homeland Transportation Security Certificate
- Travel/Tourism Associate in Science Degree
- UAS Drone Advanced Certificate
- UAS Drone Associate in Science Degree
- UAS Drone Basic Certificate

## Career and Degree Path Program Options

- Airline Customer Services Career/Degree Path:
  - A.S. Degree Airline Customer Services (Adv. Certificate + GE = 60 units)
  - Advanced Airline Customer Services Certificate (35 units)
  - Basic Airline Customer Services Certificate (18 units)
- Aviation Management Career/Degree Path:
  - A.S. Degree Aviation Management (Adv. Certificate + GE = 60 units)
  - Aviation Management Certificate (35 units)
- Commercial Pilot Career/Degree Path:
  - A.S. Degree Commercial Pilot (Aviation IV - Advanced Pilot + GE = 61 units)
  - Aviation I – Private Pilot (17-18 units)
  - Aviation II – Instrument Pilot (24-26 units)
  - Aviation III – Commercial Pilot (31-34 units)
  - Aviation IV – Advanced Pilot (35 units)
- Flight Attendant Career/Degree Path:
  - A.S. Degree Flight Attendant (Adv. Certificate + GE = 60 units)
  - Advanced Flight Attendant Certificate (35 units)
  - Basic Flight Attendant Certificate (18 units)
- Travel/Tourism Career/Degree Path:
  - A.S. Degree Travel/Tourism (Adv. Certificate + GE = 60 units)
  - Advanced Travel/Tourism Certificate (35 units)
  - Basic Travel/Tourism Certificate (18 units)
- UAV/UAS (Drone) Career/Degree Path:
  - A.S. Degree UAV/UAS (Adv. Certificate + GE = 60 units)
  - Advanced UAV/UAS Certificate (35 units)
  - Basic UAV/UAS Certificate (16 units)
- Ancillary Certificates<sup>1</sup>:

At Cypress College, there are Department Program Student Learning Outcomes and Degree & Certificate Program Student Learning Outcomes.

## Department Program Student Learning Outcomes:

The courses taught by this department contribute to the following ISLO/PSLOs: A-Breadth of Knowledge, Competencies, and Skills, B-Communication Skills, C-Critical Thinking, Problem Solving, and Information Competency Skills, and D-Personal, Academic, and Professional Development; specifically, the following ISLO/PSLO subcategories: A1-Career Technical Education, B1-Reading, B2-Writing, B3-Communicating, B4-Presenting, C1-Analysis, C2-Computation, C3-Research, C4-Problem Solving, C5-Technology, D1-Personal Responsibility, and D2-Global Citizenship.

## **Degree & Certificate Program Student Learning Outcomes:**

The program student learning outcomes for each award can be found on the specific degree or certificate page.