



# Air Traffic Control A.S. Degree

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

**Catalog:** 2025-26

**Total Units:** 67-68

**Start Term:** Fall

## First Year

### Semester 1

13-14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	FLTEC 320	Private Pilot Ground School	4	
GE		Natural Sciences	3	L5
GE	ENGL C1000* / ENGWR 488 <sup>H</sup> / ESLW 340	Academic Reading and Writing	3-4	L1A
GE		Ethnic Studies	3	L6

\*If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.

### Semester 2

13 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
GE		Social & Behavioral Sciences	3	L4
GE		Arts and Humanities	3	L3
GE	STAT C1000* / C1000H	Introduction to Statistics	4	L2
GE		Oral Communication & Critical Thinking	3	L1B

\*If you don't place directly in STAT C1000 (check your eServices account), you will need to take STAT 10/STAT C1000 combo course.

## Second Year

### Semester 3 (Fall)

12 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	FLTEC 302 <sup>+</sup>	Aviation Weather	3	
Maj	FLTEC 306 <sup>+</sup>	Federal Aviation Regulations	3	
Maj	FLTEC 304 <sup>+</sup>	Human Factors and Risk Management in Aviation	3	
Maj	FLTEC 330 <sup>+</sup>	Airplane Aerodynamics	3	

**+Prerequisite for FLTEC 302, FLTEC 304, FLTEC 306, FLTEC 330:** FLTEC 320 with a grade of "C" or better

### Legend

- (H) - Honors
- Elec - Elective
- GE - General Education
- Maj - Required Core
- ME - Major Elective

### Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

### AA/AS Requirements

**Associate Degrees require the following:**

1. Completion of a minimum of 60 degree-applicable units with an overall grade point average (GPA) of 2.0 ("C" average). A minimum of 12 units must be completed within the Los Rios Community College District.
2. Completion of each required course with a grade of "C" or better for a major offered at Sacramento City College.
3. Completion of Sacramento City College's local AA/AS degree general education requirements – Area L1A and L1B; Area L2; Area L3; Area L4; Area L5; and Area L6 – with an overall 2.0 GPA. Students also have an option of completing the California General Education Transfer Curriculum (Cal-GET C) instead of the local general education pattern.

Students with Advanced Placement (AP) and International Baccalaureate Credit (IB) test scores should notify their Counselor to

## Semester 4 (Spring)

15 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	FLTEC 310 <sup>+</sup>	Instrument Pilot/Instructor Ground School	4	
Maj	FLTEC 312 <sup>+</sup>	Air Navigation, Airspace, and Communication	3	
Maj	FLTEC 314 <sup>+</sup>	Large Aircraft Systems	5	
Maj	FLTEC 321 <sup>+</sup>	Commercial Pilot Ground School	3	

**+Prerequisite for FLTEC 310 and FLTEC 321:** FLTEC 302, 304, 306, and 330 with grades of "C" or better

**+Prerequisite for FLTEC 314:** FLTEC 302, 304, 306, 310, and 330 with grades of "C" or better; or hold FAA Private Pilot Certificate, or higher FAA Pilot Certificate

**+Prerequisite for FLTEC 312:** FLTEC 302, 304, 306, 310, and 320 with grades of "C" or better

learn more about how test scores may be used for credit.

*Exception: Students who possess a bachelor's (BA/BS) or higher degree from a college or university accredited through a regional accrediting agency recognized by the Council for Higher Education Accreditation (CHEA) are deemed to have satisfied both the general education and graduation competency requirements for an AA/AS degree. Degrees from accredited institutions outside of the US will be evaluated on a case-by-case basis.*

### Placement Information

*Check your eServices account under "Academic Records" to determine your Math and English placements.*

### Important Links

[SCC General Counseling](#)  
[Aviation - Air Traffic Control](#)  
[Business & Industry Meta Majors](#)

## Third Year

## Semester 5 (Fall)

14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
Maj	ATCAD 300 <sup>+</sup>	Basic Terminal Procedures	3.5	
Maj	ATCAD 301 <sup>+</sup>	Advanced Terminal Procedures	3.5	
Maj	ATCAD 302 <sup>+</sup>	Basic En Route Procedures	3.5	
Maj	ATCAD 303 <sup>+</sup>	Advanced En Route Procedures	3.5	

**+Prerequisite for ATCAD 300, ATCAD 301, ATCAD 302 and ATCAD 303:** FLTEC 302, FLTEC 304, FLTEC 306, FLTEC 310, FLTEC 314, FLTEC 319, FLTEC 320, FLTEC 321, and FLTEC 330 with grades of "C" or better