



# 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:** 2024-25

**Total Units:** 68-69

**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	INDIS 313 *	Freshman Seminar	3	IIIB
GE		Natural Sciences	3	IV
GE	ENGWR 300 ** / 488 <sup>H</sup> / ESLW 340	College Composition	3-4	IIA

**\*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. If you're not a First Time in College student, please select a GE course from SCC General Education Area IIIB, such as HCD 310-College Success.**

**\*\*If you don't place directly in ENGWR 300 (check your e-Services account), you will need to take ENGWR 80/ENGWR 300 combo course.**

### Semester 2

14 Units

CAT.	COURSE	TITLE	UNIT	AA/AS GE
GE		Social & Behavioral Sciences	3	VB
GE		Physical Education	1	IIIA
GE		Humanities	3	I
GE	HIST 310 / 311 / 320 / 321 / 327 / 483 <sup>H</sup> / 484 <sup>H</sup> / 485 <sup>H</sup> / 486 <sup>H</sup> / 487 <sup>H</sup>	American Institutions/Ethnic - Multicultural Studies	3	VA/VI
GE	STAT 300 * / 480 <sup>H</sup>	Introduction to Probability and Statistics	4	IIB

**\*If you don't place directly in STAT 300 (check your e-Services account), you will need to take STAT 10/STAT 300 combo course.**

## Second Year

### Semester 3 (Fall)

12 Units

### 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 at Sacramento City College.
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 general education requirements – Area I; Area II(a) and II(b); Area III(a) and III(b), or Area III(c); Area IV; Area V; and Area VI – with an overall 2.0 GPA.
4. Completion of all three competency requirements (reading, writing, and mathematics).

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

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

## 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

Support courses required for English and Math per placement. **Check your e-Services account under "Academic Records" to determine your 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