Flight Technology Certificate

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: 2026-27

Total Units: 31

Start Term: Summer

First Year

Summer Term

4 Units

CAT.	COURSE	TITLE	UNIT
Maj	FLTEC 320	Private Pilot Ground School	4

Semester 1 (Fall)

12 Units

CAT.	COURSE	TITLE	UNIT
Maj	FLTEC 302+	Aviation Weather	3
Maj	FLTEC 304+	Human Factors and Risk Management in Aviation	3
Maj	FLTEC 306+	Federal Aviation Regulations	3
Maj	FLTEC 330+	Airplane Aerodynamics	3

+Prerequisite for FLTEC 302, FLTEC 304, FLTEC 306 & FLTEC 330: FLTEC 320 with a grade of "C" or better; or hold FAA Private Pilot Certificate, or successfully completed FAA Private Pilot Knowledge exam

Second Year

Semester 2 (Spring)

15 Units

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

+Prerequisite for FLTEC 310 & FLTEC 321: FLTEC 302, 304, 306, 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

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.

Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

Program Enrollment Eligibility

+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

To be eligible for enrollment in the program, the student must meet the following criteria:

- The Federal Aviation Administration requires that all applicants read, write, speak, and understand the English language. FAA guidance on language proficiency can be found in the current version of Advisory Circular AC60-28 and the Level 4 proficiency standards of ICAO Doc 9835.
- One of the following:
- a) Successful completion of FLTEC 320, Private Pilot Ground, OR
- b) Hold an FAA or ICAO-compliant Private Pilot certificate with a current biennial flight review (BFR), OR
- c) Have significant documented recent (within the last 5 years) military or civilian commercial aviation operations experience.

Important Links

- SCC General Counseling
- Aviation - Flight Technology
- Business & Industry Meta Majors

Published May 15, 2026