

REMOTE AIRCRAFT PILOT: CS

Certificate of Specialization | 6 credit hours minimum

Area of Interest: Advanced Manufacturing, Industrial Occupations, and Transportation

Program Website (<https://stlcc.edu/programs-academics/pathways/s-t-e-m/geospatial-technology/>)

Academic Advising (<https://stlcc.edu/admissions/advising/>)

Program Description:

Remote Aircraft Pilot, Certificate of Specialization prepares students to pass the Federal Aviation Administration (FAA) Part 107 licensing exam and do commercial work with Unmanned Aircraft Systems (UAS) in a range of fields. This program offers comprehensive, hands-on training, preparing students for a rewarding career in this vital field.

Locations. This program is offered in its entirety at Florissant Valley.

Financial Aid. This Certificate of Specialization is not eligible for financial aid.

Cost of Attendance. For more information on cost of attendance visit **MoSCORES** (<https://scorecard.mo.gov/Search>).

Program Career and Salary Information. Pursuant to Missouri HB 1606 (2018), information regarding the number of credit hours, program length, employment rate, wage data, and graduates employed in careers related to their program of study at St. Louis Community College can be found at the following URL: <https://scorecard.mo.gov/scorecard/>. Search using School / Program "St. Louis Community College" and choose the degree or credential type of interest.

The following limitations to the data apply: Information provided is based on the most recent cohorts available. Typically, the most recent cohorts for wage and completion data are six years before the current academic year. The time to complete a program of study varies depending on the number of credit hours students earn per semester.

Interested in this program? Start the enrollment process by visiting the **Apply to STLCC** (<https://www.stlcc.edu/admissions/apply-to-stlcc/>) page.

At the completion of the program, students are expected to:

1. operate UAS under FAA rules.
2. complete required FAA paperwork for UAS operations.
3. develop mission plans to customer specifications.
4. execute prepared missions.
5. generate artifacts such as geolocation data, imagery, or video.

Program of Study

Code	Title	Credit Hours
Program Requirements		
GST 102	Introduction to Unmanned Aircraft Systems	3
GST 150	Drone Mission Planning and Photography	3
Total Credit Hours		6

Part-Time Academic Plan

PLEASE NOTE: If you originally enrolled at STLCC prior to Spring 2026, you may need to view an **archived catalog** (<https://catalog.stlcc.edu/archived-catalogs/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Code	Title	Hours	Prerequisites	Milestones/Notes
Second Year				
Fall				
GST 102	Introduction to Unmanned Aircraft Systems	3	Reading Proficiency	Exploratory Course, Gateway Course, Critical Course. First 8-Weeks. Students are able to test for FAA part 107.
GST 150	Drone Mission Planning and Photography	3	GST 102 with a minimum grade of "C" or FAA Part 107 license, and Reading Proficiency	Second 8-weeks. Apply for graduation.
	Credit Hours	6		
	Total Credit Hours	6		

Critical Courses: Critical courses are most important to a student's declared major and most strongly predict later success in the major. A critical course requires a minimal grade to progress to higher-level courses.

Exploratory Courses: Exploratory courses are first-semester courses that introduce the program and career field.

Gateway Courses: Gateway courses are courses in many career pathways that must be completed before progression in higher-level courses. These may be the same as critical and/or exploratory courses.

*Click on the hyperlinked course number to view additional information about the course.

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.