

FLIGHT OPERATIONS - PROFESSIONAL PILOT CERTIFICATE OF ACHIEVEMENT

The Flight Operations - Professional Pilot certificate program at San Bernardino Valley College prepares students for a dynamic career in aviation, providing comprehensive flight training, and ground school instruction in aerodynamics, navigation and aviation regulations. This certificate program is designed for students aspiring to become professional pilots, offering a strong foundation in both the technical and practical aspects of flight operations. Through state-of-the-art simulators and real-world flight training, students will gain the skills and knowledge necessary to pursue FAA certification as commercial pilots. Graduates will be equipped to enter the aviation industry with the qualifications needed to succeed in various flight operations roles, including positions with airlines, corporate flight departments, and other aviation enterprises.

Code	Title	Units
Required Courses:		
AERO 022	Private Pilot Ground School	6
AERO 022L	Private Pilot Flight Lab	3
AERO 040	Instrument Ground School	4
AERO 041L	Instrument Pilot Flight Lab	3
AERO 047	Commercial Pilot Ground School	3
AERO 047L	Commercial Pilot Flight Lab	3
AERO 070	Introduction to Air Traffic Control (ATC)	3
AERO 046	Aviation Weather	3
Total Units		28

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

This is a Gainful Employment Program

Program Learning Outcomes

At the completion of this program, students will be able to:

- Conduct safe and efficient flight operations, adhering to FAA regulations and industry standards. This includes proficiency in pre-flight planning, in-flight decision-making, and post-flight procedures.
- Demonstrate a comprehensive understanding of aerodynamics, aircraft systems, navigation, weather patterns, and air traffic control procedures. They will be able to apply this knowledge to real-world scenarios to ensure safe and effective flight operations.
- Articulate and effectively communicate with air traffic control, crew members, and passengers, maintaining professionalism in all interactions using a strong understanding of ethical and legal responsibilities as a professional pilot, ensuring compliance with all regulatory requirements.