

# FLIGHT OPERATIONS, CERTIFICATE OF SPECIALIZATION

Not Financial Aid Eligible  
Banner Code: 1\_CE\_AVFO

The Flight Operations Certificate of Specialization covers basic flight theory, advanced meteorology, airport and airline economics and management, advanced aircraft systems and aircraft navigation. Courses are intended to provide knowledge in topics which will allow the student to enter the work force in the field of flight operations. Careers include aircraft dispatch, aircraft and aircrew scheduling, airport operations and Fixed Base Operations.

## Program Outcome

1. Develop critical and analytical thinking skills necessary for completion of federally administered knowledge tests.

## Certificate Requirements

Orange Coast College offers two types of certificate awards in career programs designed to prepare the graduate to enter a particular field of employment. At least 3 units in an advanced course from the certificate must be completed at OCC.

1. **Certificate of Achievement** - 8 units or more in a state-approved program. Certificates of Achievement are not automatically awarded. A petition must be filed in Enrollment Services or online at the beginning of the semester in which the student will be completing his or her final requirements. The petitioning periods are listed in the Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/>) section of this catalog.
2. **Certificate of Specialization** - 16 units or less in a locally approved program. Certificates of Specialization are not automatically awarded, not printed on official academic transcripts, and there is no acknowledgment of completion given at graduation. Please contact the division for details regarding the submission of petitions as procedures for each division vary. Most division offices prefer that students complete all of the required courses and then provide a copy of the transcript while some divisions allow petitions for Certificates of Specialization before finishing.

### Minimum Grade Requirement

In order to be awarded a certificate, students are required to obtain a grade of "C" or better in all program-required courses. Grades of "CR" or "P" will be accepted whereas "CR" or "P" meets the equivalency of a "C" or better. A list of certificate programs can be found in the Programs A-Z (<https://catalog.cccd.edu/orange-coast/programs-study/>) section of this catalog. Check with a counselor to determine the requirements for completion.

Course	Title	Units
<b>Required Courses</b>		
APT A110	Introduction to Airport Operations	3
APT A115	Introduction to Flight Operations	3
APT A130	Private Pilot Aviation Ground School	5
APT A145	Airline Transport Pilot Ground	3

Course	Title	Units
BUS A100	Introduction to Business	3
Total Units		17

## Flight Operations Suggested Electives

Course	Title	Units
ACCT A101	Financial Accounting	4
ACCT A102	Managerial Accounting	4
ECON A170	Microeconomics	3
ECON A175	Macroeconomics	3