

Course number and Title

AVSC 2062 Commercial Lab II

Catalog Description

Provides 50 hours of instruction in a Single engine airplane and also provides 15 hours of flight training in a complex airplane. Designed to complete the flight requirements for the FAA Commercial Pilot Certificate.

Prerequisite

AVSC 2052, AVSC 2071

Credit hours/ Contact hours/ Load hours

2/2/2

Target Audience & Transferability

Course is designed for students who are working towards a Commercial Pilot's license and are pursuing an Associate's Degree in Aviation as a professional pilot. Course will transfer to Henderson State College and other accredited four year institutions which offer a Bachelor's in Aviation Science with a Professional Pilot option.

Common Objectives/ Student Outcomes

Students completing this course will be able to:

1. Demonstrate a thorough working knowledge of Commercial Pilot operations in a single engine, complex, aircraft.
2. Understand the principles of instrument flight, weather factors, navigation, FAA Regulations, aircraft systems, and flight planning.
3. Make critical decisions based on a knowledge of human factors, the aircraft to be flown, and the reasoning for the intended flight.
4. Perform flight maneuvers in a safe, consistent manner to include local and cross-country flights in dual or solo operations.
5. Be prepared for and approved by the instructor, for the Commercial Pilot FAA check-ride.

### Required Text

Instrument Commercial Manual, Jeppesen Sanderson, Inc., 1998

### Optional Text(s):

#### Topics

Flight performance areas include commercial Flight considerations regarding decision making, commercial flight maneuvers, and emergency procedures. Student will demonstrate proficiency in maximum performance take-offs & landings, steep turns, chandelles, lazy eights, and eights on pylons.

### Required Methods of Instruction

Student will be responsible to work with flight instructors to arrange training flights on a regular basis (at least twice per week). Student must attend all scheduled flight training periods, unless prior contact is made with the instructor and an excused absence is granted. Student will be responsible for travel to the airport for the flights. Student will normally fly with a primary instructor, but may be scheduled with others as the need develops.

### Required Forms of Assessment

Student will be evaluated on a regular basis through feed-back from instructors, phase check-rides performed by other flight instructors, and the final check-ride from the chief instructor prior to the FAA check-ride.

### Resources

The NWACC Library, Drake Aviation Academy, and the NWACC Aviation Department Resource center are all available to students.