

Course number and Title

AVSC 2052 Commercial Lab I

Catalog Description

Provides Private pilots with approximately 40 hours of flight instruction. Designed to help meet the flight requirements for FAA commercial pilot certificate.

Prerequisite

AVSC 1171 Private Pilot Certification

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 general knowledge of Commercial Pilot operations in a single engine aircraft.
2. Understand the basic 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 I Phase check-ride.

Required Text

Instrument Commercial Manual, Jeppesen Sanderson, Inc., 1998

Optional Text

Topics

Flight performance areas include advanced maneuvers, in depth flight planning, emergency procedures, and an increasing knowledge of FAA regulations and how they relate to Commercial flight operations.

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 Commercial Lab I Phase check-ride.

Resources

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