

Southeastern University
Jannetides College of Business, Communication, and Leadership
Department of Aviation
AVIP 1013 Private Pilot Ground School
Official Syllabus

Catalog Description

This course provides instruction in preparation for initial flight training and the Federal Aviation Administration's (FAA) Private Pilot Airplane Knowledge Test. Topics include the basic aerodynamics, airplane systems and instruments, weight and balance, aircraft performance, meteorology, flight physiology, basic navigation techniques, radio navigation and communication, the Air Traffic Control and airspace system, and FAA Regulations. Credit may be granted for passing the FAA Private Pilot Airplane Knowledge Test with a mandatory minimum passing score of 70%. The course should be taken concurrently with flight lessons or AVIP 1023.

Prerequisite: None

Credit Hours: 3

Repeatable: Course not repeatable

Intended Learning Outcomes

Students who successfully complete this course will:

1. Demonstrate sufficient knowledge to pass the FAA Private Pilot Airplane knowledge test with 70% or higher.
2. Demonstrate knowledge appropriate for a private pilot in aerodynamics, aircraft systems, performance, and weight & balance.
3. Demonstrate knowledge appropriate for a private pilot in communication, navigation and flight physiology.
4. Demonstrate knowledge appropriate for a private pilot in airspace, air traffic control and FAA regulations.
5. Demonstrate scheduling awareness regarding aircraft flight time and training.

Version History

###/###/##### v1.0 Original course approval. Course added as an elective to the BS BPL and as part of a new AS and BS degree.