

Southeastern University
Jannetides College of Business, Communication, and Leadership
Department of Aviation
AVIP 2013 Instrument Rating Ground School
Official Syllabus

Catalog Description

This course provides instruction in preparation instrument flight training and the Federal Aviation Administration's (FAA) Instrument Rating Airplane Knowledge Test. Topics include aircraft flight instruments, flight physiology, Instrument Flight Rules (IFR) aircraft operations and procedures, aircraft performance, weather, IFR planning and regulations. Advanced instruction in aviation weather, radio navigation and charts including procedures for departures en route, arrival and approaches. The course should be taken concurrently with instrument flight lessons or AVIP 2023. Credit may be granted for passing the FAA Instrument Rating Knowledge Test.

Prerequisite: Private Pilot's License or AVIS 1013

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 Instrument Rating Airplane Knowledge test with 70% or higher.
2. Demonstrate knowledge appropriate for an instrument pilot aircraft instruments and systems, aircraft performance and weather.
3. Demonstrate knowledge appropriate for an instrument pilot in communication, navigation, IFR procedures, safety, and flight physiology.
4. Demonstrate knowledge appropriate for an instrument pilot in airspace, air traffic control, and FAA regulations related to IFR flight.
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.