

AVG 252 - INSTRUMENT GROUND SCHOOL

Course Description

This course provides the aeronautical knowledge required for the instrument rating and prepare the student to take the FAA Instrument Rating - Airplane written examination. Topics include: flight instruments, radio navigation, departure, enroute and arrival procedures, VOR, NDB, ILS, and GPS approaches, IFR emergencies, aviation weather, and IFR cross-country flight planning. Group 2 course.

Credit Hours

4

Contact Hours

4

Lecture Hours

4

Required Prerequisites

AVF 111 and AVG 101 both with a 2.0 or higher; or equivalent rating.

Course Learning Outcomes

Knowledge:

- Demonstrate competency on the FAA Instrument Airplane Knowledge test.

Application:

- Demonstrate instrument pilot operations.

Integration:

- Determine the best options to deal with aviation related situations.

Human Dimension:

- Recognize themselves as pilots and decision makers.

Caring - Civic Learning:

- Develop an increased appreciation of the importance for pilots to possess a solid foundation of aviation knowledge.

Learning How to Learn:

- Recognize the importance of self-learning to continually develop themselves as safe and current pilots.