

SYLLABUS

COURSE # AND TITLE:

AVIA-160 Instrument Ground School

OF CREDITS

3 Credit Hours

CATALOG DESCRIPTION:

A study of all areas pertaining to the FAA Instrument Pilot Written Exam. Instrument flying principles acquainting the student with theory and logic that pertain to instrument flight will be covered. Course content includes weather interpretation, air traffic control procedures, and instrument flying procedures.

LEARNING OBJECTIVES:

1. Instrument Ground is designed to provide the student with an understanding of the role of the instrument pilot
2. An understanding of the primary Flight Instruments
3. Introduction To Federal Regulations
4. Understanding of Departures, Arrivals, & Approaches
5. Develop an understanding of how weather effects the instrument pilot
6. Understand Air Traffic Control Procedures
7. Applying the objectives to the aircraft flown by Mesa Airlines Pilot Development

EXPECTED LEARNING OUTCOMES:

Upon successful completion of this course the student will possess the ability to:

1. Discuss how instrument flight differs from Visual Flight
2. Identify the various flight instruments and when they are used
3. Explain the application of Federal Regulations pertaining Instrument
4. Explain and identify the weather phenomena that affect the Instrument Pilot.
5. Explain Air Traffic Control Procedures and how they affect the instrument pilot
6. Explain and understand the application of the procedures in relationship to the aircraft flown
7. Compose and explain IFR cross country planning, procedures, weather, regulations, and physiology associated with instrument flight
8. Pass the FAA Instrument written exam

This syllabus developed by: Gerry Klucar date: November 6, 2006

This syllabus reviewed by: _____ date.