

# SYLLABUS

## COURSE # AND TITLE:

AVIA 165 Advanced Instrument Ground School

## # OF CREDITS

1 Credit

## CATALOG DESCRIPTION:

This course is designed for students enrolled the Professional Airline Career Enhancement (PACE) program. An intensive review of instrument procedures, techniques, and regulations with emphasis on Mesa Airlines requirements will be covered. Course content will include Jeppesen departure, arrival, approach and enroute charts, BE-58 Baron aircraft instruments and interpretation, and proper communications procedures with air traffic control.

Prerequisite: Admission into the PACE program.

## LEARNING OBJECTIVES:

1. Students will show functional knowledge of the Federal Aviation Regulations Part 61 and Part 91 they apply to instrument flying.
2. Students will show functional knowledge of Jeppesen charts including High and Low enroute charts, departures, arrivals, airport diagrams, instrument approach charts and charted visual approaches.
3. Students will show functional knowledge of the proper communication procedures as they apply to instrument flying in high density operation airports.
4. Students will be able to accurately interpret the indications from appropriate radio aids to navigation.
5. Students will be able to accurately determine the appropriate holding pattern entry, and apply the proper holding procedures.

## EXPECTED LEARNING OUTCOMES:

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

1. Correctly interpret Jeppesen charts in order to safely navigate within the IFR system.
2. Correctly apply the knowledge to operate competently as a flight crew member on the CRJ Flight Training Device.

This syllabus developed by: David Walsh date: 03/15/04.

This syllabus reviewed by: \_\_\_\_\_ date: \_\_\_\_\_.