

SYLLABUS

COURSE # AND TITLE:

AVIA150 - Aircraft Mechanical Operations

OF CREDITS

3 Credit Hours

CATALOG DESCRIPTION:

This course will familiarize the student with the Canadair Regional Jet aircraft systems. Also included will be an overview of flight control, fuel, electrical, Pneumatic, environmental, flaps, landing gear, and ice & rain protection.

LEARNING OBJECTIVES:

1. Introduce Canadair Regional Jet Systems
2. Introduce Company Flight Manual
3. Develop an understanding of high speed aircraft

EXPECTED LEARNING OUTCOMES:

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

1. Explain the associated systems in detail and how these systems affect the normal and abnormal operation of the jet.
2. Develop an understanding of how to use challenge/response checklists and reference emergency procedures checklist.
3. Understand and use the AV-SOFT software.
4. Apply the operating limitations associated with the Canadair Regional Jet
5. Move professionally and proficiently into the Jet Flight Training Device

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

This syllabus reviewed by: _____ date: _____.