

Master Syllabus

AVT 2159 - Canadair Regional Jet (CRJ) Aircraft Systems

Division: Science, Mathematics and Engineering

Department: Aviation Technology

Credit Hour Total: 1.0

Lecture Hrs: 1.0

Other Prerequisite(s): Approval of Department

Date Revised: October 2012

Course Description:

Prepares students with the knowledge necessary to successfully complete the Federal Aviation Administration (FAA) Aircraft Dispatcher Practical exam. Topics include theory of Canadair Regional Jet (CRJ) aircraft systems, including minimum equipment and configuration deviation list items and their application to aircraft dispatch applications.

General Education Outcomes:

- ▣ Critical Thinking/Problem Solving
- ▣ Values/Citizenship/Community

Course Outcomes:

Canadair Regional Jet (CRJ) Aircraft Systems

Develop a general understanding of CRJ aircraft systems

Assessment Method: Behavioral observations

Performance Criteria: Mastery of competency at 100%

Assessment Method: Locally developed exams

Performance Criteria: 80% correct responses on exams

CRJ Minimum Equipment List

Develop a general understanding of the minimum equipment list and the relationship to aircraft dispatch

Assessment Method: Behavioral observations

Performance Criteria: Mastery of competency at 100%

Assessment Method: Locally developed exams

Performance Criteria: 80% correct responses on exams

CRJ Configuration Deviation List

Develop a general understanding of the configuration deviation list and the relationship to aircraft dispatch .

Assessment Method: Behavioral observations

Performance Criteria: Mastery of competency at 100%

Assessment Method: Locally developed exams

Performance Criteria: 80% correct responses on exams

Outline:

CRJ aircraft systems
Minimum Equipment List procedures
Configuration Deviation List procedures
Dispatch with inoperative components
Aircraft systems performance-related irregularities