

## 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

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#### 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 Competency
- ▣ Values/Citizenship/Community Competency

#### 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