

## Master Syllabus

### AVT 2168 - Dispatcher Oral Preparation

**Division:** Science, Mathematics and Engineering

**Department:** Aviation Technology

**Credit Hour Total:** 1.0

**Lecture Hrs:** 1.0

**Prerequisite(s):** AVT 1119 AND AVT 1246 AND AVT 2146 AND AVT 2157 AND AVT 2158 AND AVT 2167

**Other Prerequisite(s):** AND Approval of Department

**Date Revised:** October 2013

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### Course Description:

Preparation for the Federal Aviation Administration (FAA) Aircraft Dispatcher Certificate through an in-depth understanding of regulations, meteorology, navigation, aircraft systems, communications, air traffic control, emergency and abnormal procedures and practical dispatch applications. At the completion of the course, students will be prepared for the Federal Aviation Administration Aircraft Dispatcher oral examination.

### General Education Outcomes:

- Oral Communication Competency
- Critical Thinking/Problem Solving Competency
- Values/Citizenship/Community Competency
- Information Literacy Competency

### Course Outcomes:

#### Operational Control and Aeronautical Decision Making

Comprehend and demonstrate the concept of operational control and decision making skills related to federal aviation regulations, meteorology, navigation, aircraft systems, communications, air traffic control, emergency and abnormal procedures and practical dispatch applications.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct responses on exams

**Assessment Method:** Oral examination

**Performance Criteria:** Mastery of competency at 100%

#### Aircraft Systems

Comprehend and demonstrate an understanding of advanced aircraft systems and their relationship to flight planning considering both normal and abnormal circumstances.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct responses on exams

**Assessment Method:** Simulations

**Performance Criteria:** Mastery of competency at 100%

#### Air Traffic Control and Enroute Navigation

Comprehend and demonstrate the use of enroute navigation charts in flight planning, navigation systems and service volumes, air traffic control communications, airport arrival and departure procedures, and federal aviation regulations pertinent to flight planning.

**Assessment Method:** Locally developed exams

**Performance Criteria:** 70% or higher correct responses on exams

**Assessment Method:** Oral examination

**Performance Criteria:** Mastery of competency at 100%

### Outline:

Federal Aviation Regulations  
Aircraft Systems  
Emergency and Abnormal Procedures  
Air Traffic Control Communications  
Navigation  
Weather Data Analysis  
Operational Control and Aeronautical Decision Making