Sinclair Community College
444 E. Third St.
Dayton, OH 45402

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

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
- Critical Thinking/Problem Solving
- Values/Citizenship/Community
- Information Literacy

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