

## **AVMT 259**

### **Aircraft Dispatcher II**

3 Credits

## Community College of Baltimore County Common Course Outline

### **Description**

**AVMT 259 - Aircraft Dispatcher II:** provides the practical skills required for the Federal Aviation Administration (FAA) Aircraft Dispatcher certificate. Topics include flight planning, aircraft scheduling, flight tracking and control, flight re-routing, aircraft performance and fuel computations, weight and balance, aircrew human factors, airline safety, and emergency procedures.

**Pre-requisites:** AVMT 231 or approval of the aviation program director

**Co-requisites:** AVMT 258 or approval of the aviation program director

### **Overall Course Objectives**

Upon completion of this course, students will be able to:

1. compare the performance criteria for various corporate and airline aircraft types;
2. demonstrate the proper use of flight planning and routing tools;
3. evaluate crew duty day and flight crew schedules;
4. prepare an aircraft manifest and dispatch release form;
5. construct an aircraft fuel load computation;
6. demonstrate the elements of flight following and control;
7. analyze human factors associated with aircrew scheduling;
8. identify correct courses of action for given aircraft emergencies;
9. discuss aircraft maintenance cycles, scheduling, and limitations; and
10. evaluate safety procedures and equipment applicable to airline operations.

### **Major Topics**

- I. Aircraft performance
- II. Aircraft scheduling and flight planning
- III. Aircrew scheduling
- IV. Aircraft manifests and dispatch release
- V. Aircraft loading and weight and balance
- VI. Aircraft fuel computations
- VII. Human factors associated with flight operations
- VIII. Flight following and inflight re-routing
- IX. Emergency procedures
- X. Safety considerations relating to airline operations

The Common Course Outline (CCO) determines the essential nature of each course.  
For more information, see your professor's syllabus.

### **Course Requirements**

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- 2 examinations
- comprehensive final exam
- 2 writing assignments such as flight plans, current event reports, article or textbook summaries, research or case study analysis papers, and personal journals

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

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