

## **AVMT 251**

### **Airport Management**

3 Credits

## Community College of Baltimore County Common Course Outline

### **Description**

**AVMT 251 – Airport Management:** introduces the historical development of modern airports. Topics include business and operational factors, airport regulations and government agencies, labor and personnel relations, security, safety, facility maintenance, airport tenants, funding, airport design and expansion planning, marketing, and public relations.

**Pre-requisites:** AVMT 101 and AVMT 131 or approval of the Aviation Program Director

### **Overall Course Objectives**

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

1. discuss the historical development of airports;
2. identify the operational factors affecting airports;
3. identify regulations affecting airport management;
4. describe environmental and legal concerns associated with airport management;
5. identify facility planning and maintenance issues;
6. discuss public airport funding;
7. distinguish between various forecasting methods used in airport planning;
8. describe various simulation models used to estimate airport capacity;
9. discuss the importance of marketing and public relations; and
10. identify the factors associated with airport design and security measures.

### **Major Topics**

- I. Airport development
- II. Business and organizational factors
- III. Operational factors
- IV. Airport regulations
- V. Environmental regulations
- VI. Legal issues
- VII. Marketing and public relations
- VIII. Airport facility maintenance
- IX. Airport funding
- X. Airport layout and security

### **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, special topic papers, current events 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.

### **Other Course Information**

This course is required course in the Associate of Applied Science Aircraft Dispatcher, Air Traffic Control, and Flight Operations Management Aviation Technology degree programs. This course is an elective course in the Associate of Applied Science Professional Pilot Airplane, Professional Pilot Helicopter, and Professional Pilot Unmanned Aircraft Systems Aviation Technology degree programs.

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