

# **AVMT 101**

## **Aviation History and Development**

3 Credits

Community College of Baltimore County  
Common Course Outline

### **Description**

**AVMT 101 – Aviation History and Development:** explores humanity's obsession with flight, from early experiments to the modern age of advanced safety and operational technologies. Focuses on the rapid growth of aviation technology and systems, including the policies and people central to its development through the lens of the political, financial, and military factors that helped shape it into the world's leading method of transportation.

**Pre-requisites:** ESOL 052 and ESOL 100

**Co-requisites:** ACLT 053

### **Overall Course Objectives**

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

1. identify the major developments in aviation;
2. analyze the impact of military, government, and economic factors on aviation's development;
3. describe how commercial, political, and military objectives influenced aircraft design;
4. identify key figures who contributed to the growth of aviation;
5. describe aviation's role in advancing human scientific, political, and social development;
6. summarize the evolution of aircraft engine technology;
7. describe how geopolitical conflict has advanced aviation research and development; and
8. describe how space flight and aviation are intertwined.

### **Major Topics**

- I. Man's early attempts at flight
- II. The emergence of powered flight
- III. WWI, barnstormers, and the Airmail service
- IV. WWII's impact on the world of aviation
- V. The rise of commercial aviation
- VI. The jet age and supersonic flight
- VII. Aviation as sport and recreation
- VIII. Next-generation military hardware development
- IX. The space race and its impact on aviation
- X. Privatization, deregulation, and the future of air travel

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:

- Two examinations, including a comprehensive final exam
- Four written assignments, such as special topic papers, article summaries, research analysis papers, and question responses
- One presentation

### **Other Course Information**

This is a core course in Aviation Technology degrees and certificates.

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