

AVMT 260

Fundamentals of Instructing

1 Credit

Community College of Baltimore County

Common Course Outline

Description

AVMT 260 – Fundamentals of Instructing: provides an overview of human behavior and learning processes as they relate to flight training. Topics include effective communication, the teaching process, critique and evaluation, instructor professionalism and responsibilities, and the role of the flight instructor in promoting a positive safety culture.

Pre-requisites: AVMT 236 and either AVMT 237 or AVMT 239 or approval of the Aviation Program Director

Co-requisites: AVMT 238 or AVMT 240 or approval of the Aviation Program Director

Overall Course Objectives

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

1. discuss the process by which experience brings about a change in behavior;
2. explain the change in behavior that results from experience, repetition, and practice;
3. describe the inter-relationships that exist between instructor and student;
4. contrast Cognitive Learning Theory, Bloom's Taxonomy, and Behaviorism;
5. discuss variables that affect short-term and long-term memory;
6. describe the transfer of learning and learning retention processes;
7. explain the elements of effective communication between instructor and student;
8. develop a training syllabus and lesson plans;
9. demonstrate effective teaching techniques through scenario-based training; and
10. demonstrate instructor professionalism that promotes a positive safety culture.

Major Topics

- I. Cognitive Learning Theory
- II. The relationship between experience and learning
- III. Behavior modification resulting from experience, repetition, and practice
- IV. Short and long-term memory
- V. Transfer of learning and learning retention
- VI. Critique and evaluation
- VII. The communication process
- VIII. Training syllabi and associated lesson planning
- IX. Teaching techniques and scenario-based training
- X. Instructor professionalism, roles and responsibilities

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, 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 a required course in the Associate of Applied Science Professional Pilot Airplane and Professional Pilot Helicopter Aviation Technology degree programs.

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