

AVMT 276
Tower Cab Training II
6 Credits

Community College of Baltimore County
Common Course Outline

Description

AVMT 276 – Tower Cab Training II: This course is one of three qualifying courses for FAA Enhanced Collegiate Training Initiative (ECTI) program for air traffic control. This initial tower cab training course is designed for students who will be assigned to terminal FAA air traffic control facilities, or will apply to control towers participating in the federal Contract Tower program. Students will receive classroom and laboratory instruction and practice on tabletop and control tower simulation systems. Students must be admitted to the Enhanced Collegiate Training Initiative (ECTI) program to register for this course. This course is only offered in fall or spring semesters and will not be offered in winter or summer semesters.

pre-requisites: AVMT 275

Overall Course Objectives

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

1. deliver ATC clearances;
2. describe ground control duties;
3. perform taxi and ground movement procedures;
4. identify LLWAS uses;
5. describe local control procedures;
6. apply VFR arrival procedures;
7. apply VFR departure procedures;
8. issue clearances to provide IFR separation;
9. apply wake turbulence separation procedures;
10. apply visual separation procedures; and
11. demonstrate procedures for preventing runway incursions.

Major Topics

- I. Flight Data and Clearance Delivery Duties and Responsibilities
- II. Route Clearances
- III. Ground Control Duties and Responsibilities
- IV. Taxi and Ground Movement Operations
- V. Wind Shear and LLWAS
- VI. Local Control Position Duties and Responsibilities
- VII. VFR Arrival Procedures
- VIII. VFR Departure Procedures
- IX. IFR Arrival and Departure Procedures

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

- X. Wake Turbulence and Separation Rules
- XI. Visual Operations
- XII. Runway Incursions

Course Requirements

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

- Five written tests which include multiple choice and map/diagram reconstructions
- A comprehensive Final Exam
- Four practical evaluations in the tower simulator lab

Other Course Information

This course contains material from FAA Courses 50045 - Air Traffic Basics, and 50046 - Initial Tower Cab Training and is one of three qualifying courses toward the FAA special hiring authority under the Enhanced Collegiate Training Initiative (ECTI) program.

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