

AVMT 277
Tower Cab Skills Practice
3 Credits

Community College of Baltimore County
Common Course Outline

Description

AVMT 277 – Tower Cab Skills Practice: 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.

pre-requisites: AVMT 275

Overall Course Objectives

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

1. record information on flight progress strips;
2. enter Flight Data Input/Output System (FDIO) messages;
3. record Automated Terminal Information System (ATIS) messages;
4. determine tower visibility;
5. explain general control procedures;
6. perform a position relief briefing; and
7. demonstrate ways to manage fatigue.

Major Topics

- I. Stripmarking
- II. The Flight Data Input/Output (FDIO) System
- III. Automatic Terminal Information System (ATIS)
- IV. Tower Visibility
- V. General Control
- VI. Position Relief Briefing
- VII. Fatigue Awareness

Course Requirements

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

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

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

For more information, see your professor's syllabus.

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.

Date Revised: 10/21/2025

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