

Common Course Outline
AVMT 142
Private Pilot Certification

The Community College of Baltimore County

Description

AVMT 142 - 3 credits

Private Pilot Certification

Provides academic, flight and simulator training towards the completion of the Private Pilot Certificate; includes preflight procedures, airport operations, takeoffs, landings, performance and ground reference maneuvers, navigation, slow flight and stalls, basic instrument maneuvers, emergency procedures, night flying operations, safety, and postflight procedures.

Prerequisite: AVMT 141 or concurrent.

Overall Course Objectives

Upon completion of the course the student must be able to:

- A. Demonstrate flight proficiency required for the Private Pilot Certificate as specified in Federal Aviation Regulations.
- B. Obtain the aeronautical experience required for the Private Pilot Certificate as specified in Federal Aviation Regulations.
- C. Demonstrate proper preflight procedures.
- D. Understand the dynamics of airport operations, including takeoffs and landings, go-around procedures, and pilot-controller communications.
- E. Understand and demonstrate the proper use of aircraft navigation equipment.
- F. Demonstrate slow flight and stalls
- G. Understand the principles of safety, flight physiology, and emergency procedures.
- H. Demonstrate proper postflight procedures.

Major Topics

- A. Preflight procedures
- B. Airport operations
- C. Takeoffs and landings
- D. Go-arounds
- E. Performance maneuvers
- F. Ground reference maneuvers
- G. Navigation
- H. Slow flight and stalls
- I. Basic instrument maneuvers
- J. Emergency procedures
- K. Night flying operations
- L. Safety
- M. Postflight procedures

Course Requirements

- A. Mid-term and/or periodic examination
- B. Comprehensive final examination

C. Attendance and participation