

# AVG 251 - COMMERCIAL GROUND SCHOOL

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## Course Description

This course is an advanced study of aviation topics including: GPS, meteorology, radio communications, airspace, and Federal Aviation Regulations. In addition, aircraft systems, career opportunities, aviation safety, aircraft weight and balance, performance charts, and aerodynamics are reviewed with emphasis on commercial pilot operations. Completion of Stage Three is required to enroll in this course. Group 2 course.

## Credit Hours

4

## Contact Hours

4

## Lecture Hours

4

## Required Prerequisites

AVG 252 with a 2.0 or higher.

## Recommended Prerequisites or Skills Competencies

Private Pilot Rating (AVF 111)

## Course Learning Outcomes

### Knowledge:

- Explain key elements of commercial pilot areas of operation necessary to pass the Commercial Pilot Knowledge test.

### Application:

- Apply knowledge to real world situations in a safe and effective manner.

### Integration:

- Relate knowledge elements directly to future real world training flights.

### Human Dimension:

- Evaluate their method of aeronautical decision making to effectively and safely make go or no-go decisions concerning flight situations.

### Caring - Civic Learning:

- Recognize how their decisions and actions impact public perception of the aviation industry.

### Learning How to Learn:

- Identify what methods of training will help them learn best.
- Use numerous resources available to them to be able to maintain accurate and current knowledge of the aviation industry.