

# AVG 161 - MECHANICS FOR PILOTS

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## Course Description

This course will teach the students about the systems, components, safe repair, and regulations involved with maintaining and operating small aircraft. Students will learn in the classroom and in the maintenance hangar. Group 2 course.

## Credit Hours

3

## Contact Hours

3

## Lecture Hours

3

## Course Learning Outcomes

### Knowledge:

- Describe knowledge about the systems, components, safe repair, and regulations involved with maintaining and operating small aircraft.

### Application:

- Determine aircraft airworthiness based evaluating FAA maintenance requirements.

### Integration:

- As Pilot in Command, determine aircraft airworthiness according to FAA regulations.

### Human Dimension:

- Develop skills to evaluate their own decision making, creating a self-discipline to know when an aircraft is worthy to fly.
- Develop the self-confidence to be Pilot in Command.

### Caring - Civic Learning:

- Recognize how their decisions and actions impact their passengers and people on the ground.
- Describe how their actions affect airport security and public perception of the aviation industry.

### Learning How to Learn:

- Per the FAA recurrent training requirements, integrate prior learning and experiences to provided scenarios.
- Implement their own positive study habits as they prepare for recurrent training requirements of the FAA.