

**Part 107 Certification
4 Week Syllabus
Summer 2025**

Week 1

Day 1

Morning

Introduction to drones and the history of drones
Aerodynamics of drone flight and control systems

Afternoon

Regulations; Part 48: Drone Registration Requirements
Regulations; Part 61: Pilot Certification Requirements
Regulations; Part 107: Small UAS Operations

Day 2

Morning

Regulations; Part 107: Small UAS Operations

Afternoon

Regulations; Part 107: Small UAS Operations

Day 3

Morning

Regulations; Part 107
NTSB 830: Accident and Incident reporting requirements
Review

Afternoon

Regulation Review and Test
Flight exercise, progress permitting

Day 4

Morning

National Airspace System

Afternoon

Topography

Day 5

Morning

Review Day 4
Practical classroom exercise

Afternoon

Quiz; airspace, charts

Day 5 (cont'd)

Flight exercise, progress permitting

Week 2

Day 1

Morning

Airport Operations and Signage

Afternoon

Airport Operations and Signage

Day 2

Morning

Review

Quiz; Airport Operations and Signage

Afternoon

Introduction to Meteorology

Day 3

Morning

Review of all material up to Meteorology

Comprehensive test up to Meteorology

Afternoon

Meteorology

Day 4

Morning

Meteorology Review

Meteorology Quiz

Afternoon

Aviation Weather Services

Day 5

Morning

Aviation Weather Services

Review; Weather Services and Meteorology

Afternoon

Meteorology and Weather Services Test

Flight exercise, progress permitting

Week 3

Day 1

Morning

Mission Considerations
Determining Speed and Altitude
Weight and Balance
Load Factor
Stalls

Afternoon

Performance
Physiology
Maintenance and Inspections

Day 2

Morning

Finish incomplete modules from Day 1
Review

Afternoon

Quiz
Flight exercise; progress permitting

Day 3

Morning

Operations
Communications
Emergency Procedures

Afternoon

Aeronautical Decision Making

Day 4

Morning

Review
Quiz

Afternoon

Comprehensive Review

Day 5

Morning

Comprehensive Review

Afternoon

Week 4 Exam
 Day's 1-3
 Review and Practice Testing
 FAA test Registration

Day 4 and 5
 FAA Part 107 Certification test day and alternate day

Students MUST have a current government issued identification and 2 factor identification app on their phones.

This syllabus is an outline and will be adjusted as required by student performance and progress.

The FAA sUAS Pilot Certificate (drone pilot) requires only a satisfactory written test. Academics will be prioritized over “hands on” drone flying.