

# Course at a Glance

Intro to Drones - Opportunities, Careers, and FAA Certification Readiness

Grade Level: 10 - 12

Credits: 1

	First Six Weeks	Second Six Weeks	Third Six Weeks	Fourth Six Weeks	Fifth Six Weeks	Sixth Six Weeks
Essential Unit of Study	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
	An Introduction to Drone Use Cases, Flying, and Regulations	Chart Interpretation	Airport Operations and Drone Inspections	Aviation Weather	Drone Emergencies and Performance	Steps to Becoming a Drone Service Provider
Content Topics	<p>Introduction to Flying Drones</p> <p>Introduction to the FAA Part 107 Exam</p> <p>Overview: Drone Use Cases and Careers - Aerial Photography and Videography, Inspections, Disaster Response, Search and Rescue, Law Enforcement, and Drone Delivery</p> <p>Part 107 Small Unmanned Aircraft Systems (sUAS) Regulations</p>	<p>Part 107 Airspace Classifications</p> <p>Part 107 Flight Restrictions</p> <p>Part 107 Aeronautical Chart Study and Interpretation</p> <p>Flight Training Exercises: Obstacle Course</p> <p>Career Exploration: Aerial Photography</p>	<p>Part 107 Airport Operations</p> <p>Part 107 Radio Communications</p> <p>Flight Training Exercises: Inspections and Teamwork Challenges</p> <p>Career Exploration: Inspections</p>	<p>Part 107 Weather and Micro-Meteorology</p> <p>Flight Training Exercises: Visual Observers, Breaking News, and Search and Rescue</p> <p>Career Exploration: Public Safety, Search and Rescue, Disaster Response, and Law Enforcement</p>	<p>Part 107 Maintenance and Pre-Flight Procedures</p> <p>Part 107 Aeronautical Decision Making and Crew Resource Management</p> <p>Part 107 Small UAS Loading and Performance</p> <p>Part 107 Hazards to Flight and Emergency Procedures</p> <p>Part 107 Aviation Physiology</p> <p>Part 107 Night Flight Operations and Physiology</p> <p>Flight Training Exercises: Weight and Balance</p> <p>Career Exploration: Drone Delivery</p>	<p>Creating Your Drone Service Offering</p> <p>How to Find Customers and Market Your Services</p> <p>Fundamental Checklist for Basic Operations</p> <p>Legal Considerations and Drone Insurance</p> <p>Flight Training Final Skills Test</p> <p>Final Exam: Part 107 Test</p> <p>Career Plan</p>

