

# Drone for Beginners



**ideanco.**



id.

**Learn about drones.**

Build your knowledge and practical skills within the drone hardware, software, regulations and flying.

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## WHAT IS DRONE FOR BEGINNERS

Drone for Beginners is an open hybrid course that any person can book and take. This course is a **comprehensive** class that encompasses everything needed to know to become a proficient Remote Pilot. It is a training course that teaches you how to become an **educated** drone pilot who can plan and complete **safe missions**.

Our full day drone pilot hybrid training course will equip you with all of the knowledge and skills you need to become a drone pilot. Ideanco's experts, guide you through the process in our 8-hour Drone Pilot Training course designed to fly you around everything you need to know.

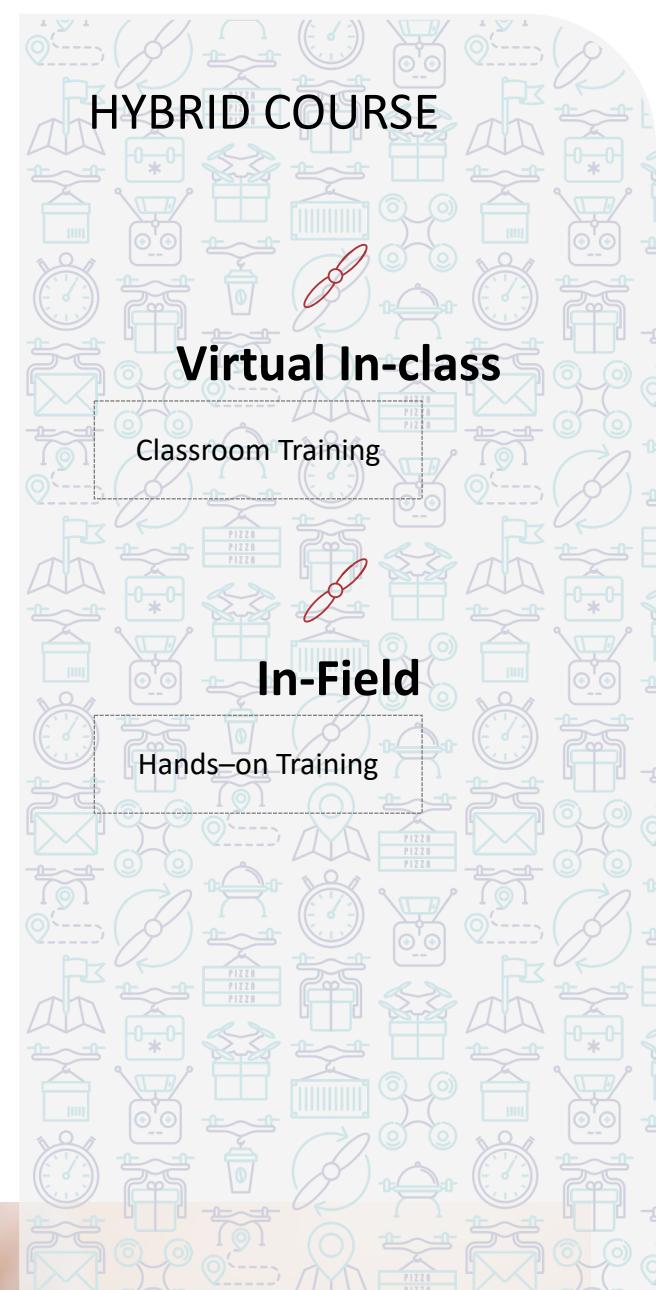
## WHAT WILL YOU LEARN

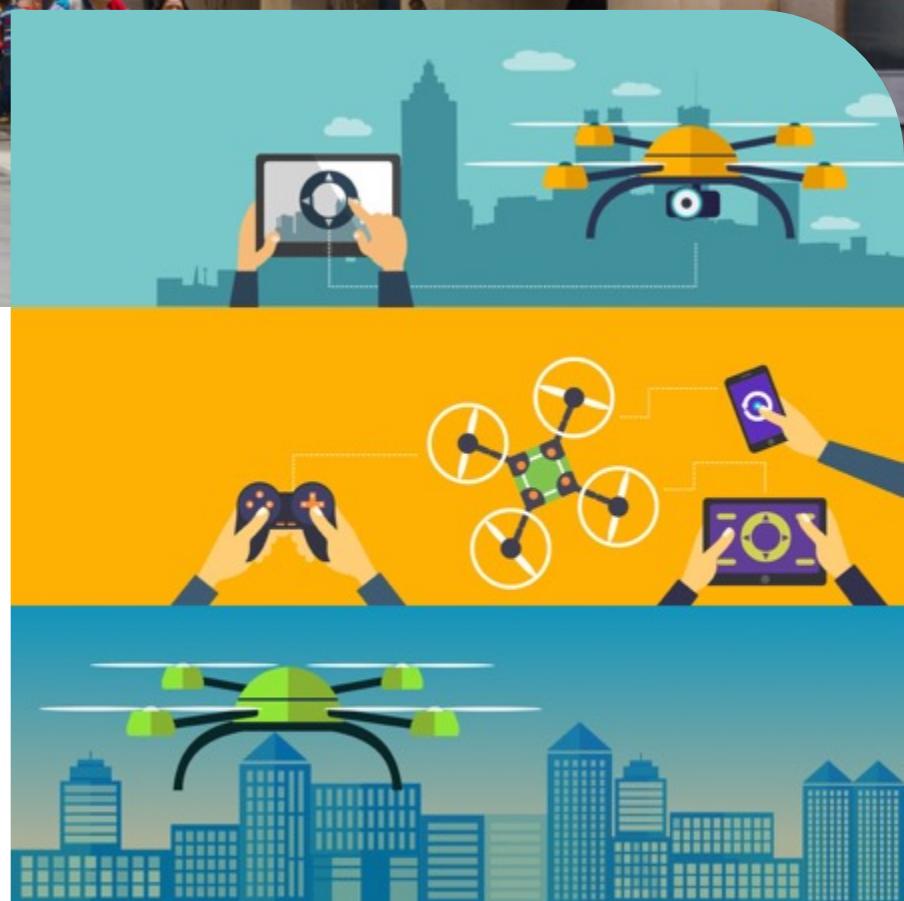
Through Ideanco's Virtual In-class customized presentations, case studies, dynamic discussions, and in-field flying, you will gain a firm foundation for safely and responsibly piloting a drone. Topics include:

- Drone Hardware and Software
- Regulations and safety
- Flight debrief
- Pre-flight checklist
- Manual take off and landing
- Autonomous flight

## IS "DRONE FOR BEGINNERS" RIGHT FOR YOU

Whether you intend to progress your hobby or fly your drone as a freelancer, this course has been specifically designed for people looking to fly drones for commercial and personal purposes. This is the first level of training and is aimed at beginners who either have little or no prior drone experience.





### COURSE OBJECTIVES

- To provide sufficient knowledge to pass the theory and flight assessments Virtual In-class and in-field
- To provide a framework for operations through scenario based experiential teaching
- To teach you to be self-sufficient (learn how to find the information rather than memorise it)

### COURSE OUTCOME

Participants that successfully pass both the theory and flight assessment tests will be awarded “remote pilot certificate”. This may be used in the application for the drone permit release in your designated country.

### COURSE REQUIREMENTS

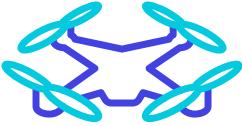
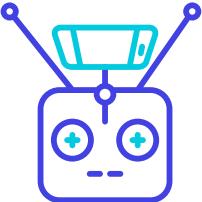
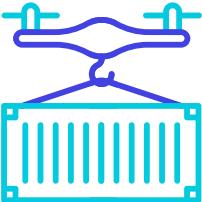
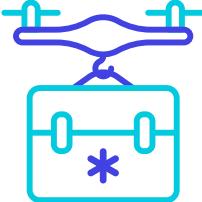
No prior drone knowledge or experience is required, although if you do have experience it will be beneficial. The minimum age for attendance is 18 years old.

We always recommend a minimum of one to two hours practice flying prior to booking a flight assessment, and our additional 1 to 1 practical flight training options can help save a lot of time and money along the learning and development process.

**PROGRAM**

MODULE 1: FOUNDATION THEORY + TOOLS

**Virtual In-class**

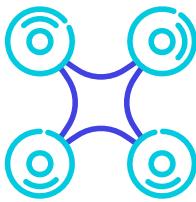
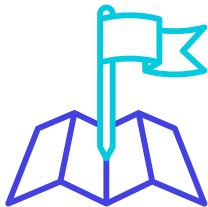
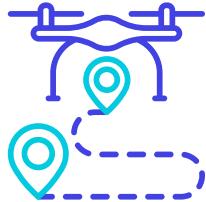
HARDWARE	SOFTWARE	REGULATION AND SAFETY	FLIGHT DEBRIEF
 <ul style="list-style-type: none"><li>• What is a drone</li><li>• Drone controls</li><li>• Main parts of a drone</li><li>• Storage and Shelf-Life</li><li>• Battery care maintenance</li><li>• Accessories</li></ul>	 <ul style="list-style-type: none"><li>• Software updates</li><li>• System inspection</li><li>• Pre flight checklist</li></ul>	 <ul style="list-style-type: none"><li>• Local regulations</li><li>• Public safety measures</li><li>• Drone incidents and government response</li><li>• Recreational use of drones</li><li>• Safety flying guideline</li></ul>	 <ul style="list-style-type: none"><li>• Identify the airspace</li><li>• Inform restricted areas</li><li>• Create a plan</li><li>• Take off/landing area</li></ul>



**PROGRAM**

## MODULE 2: PRACTICAL SKILLS + TOOLS

**In-Field**

PRE-FLIGHT CHECKLIST	MANUAL TAKE OFF	MANUAL LANDING	AUTONOMOUS FLIGHT
 <ul style="list-style-type: none"> <li>• Verify equipment is charged</li> <li>• Visually inspect the drone</li> <li>• Remove gimbal clamps</li> <li>• Check props</li> <li>• Turn on remote control</li> <li>• Power up</li> </ul>	 <ul style="list-style-type: none"> <li>• Maintain flight line</li> <li>• Manual Take off</li> <li>• Go fly and explore</li> <li>• Constantly check drone battery levels</li> <li>• Flying in patterns</li> <li>• Maintain visual line of sight</li> </ul>	 <ul style="list-style-type: none"> <li>• Check landing zone</li> <li>• Return to the landing zone</li> <li>• Conduct manual landing</li> <li>• Power down</li> <li>• Complete flight log and post-flight maintenance checks</li> </ul>	 <ul style="list-style-type: none"> <li>• Verify baseline settings</li> <li>• Configure autonomous flight profile</li> <li>• Perform pre-launch check</li> <li>• Clear the take-off area</li> <li>• Initiate flight</li> <li>• Autonomous landing</li> </ul>



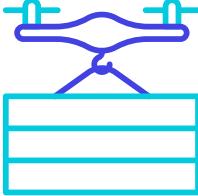
## LEARNING METHOD

### Practical training

The sessions will be practical in nature aiming at getting participants actively involved in the learning process so that they become aware of some of the challenges and success stories of piloting a drone.

### Blended Training

In addition to theoretical training, the program will use real-life examples and case studies. The blended learning methodology aims to ensure that participants have the right skills and knowledge to enable them to apply and implement the blended learning.

INSTRUCTORS	CONTENT	AUTONOMOUS FLIGHT
 <p>We focus on sourcing instructors who are from the drone industry and we also host speakers who have success stories from the market which attendees can relate to.</p>	 <p>Our course content is highly practical and lean toward more exercises and engagement, rather than high text content.</p>	 <ul style="list-style-type: none"> <li>Verify baseline settings</li> <li>Configure autonomous flight profile</li> <li>Perform pre-launch check</li> <li>Clear the take-off area</li> <li>Initiate flight</li> <li>Autonomous landing</li> </ul>





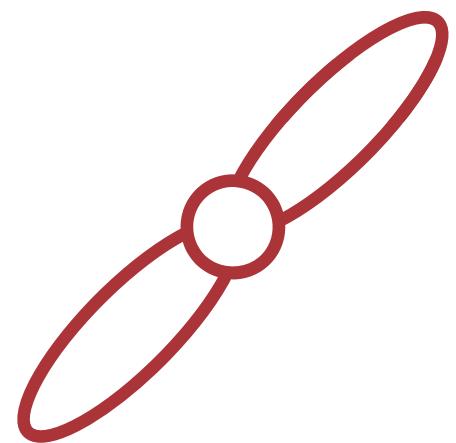
Course Type	Drone for Beginners
Skills	Basic drone tech and flying skills
Training Duration	2 Half Days (Total - 8 hours)
Level	Junior
Entry-level Job Readiness	Awareness and basic skills
Modules	2
Certificate	Certified junior drone operator

### CAREER PROSPECTS AND INTERNSHIP

Like with any profession, taking one course won't guarantee you a job. After the "Drone for Beginners" course, you could consider roles such as Jr. Drone Pilot.

Drone for Beginners offers graduates with the highest scores an internship which is built around tangible real-time projects in order to excel with their careers.

Terms and conditions apply.



junior drone operator

**idean**co.

drone wing certificate

## FOR MORE INFORMATION

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