



NTS DRONE ACADEMY  
TRAINING & SKILLS DEVELOPMENT



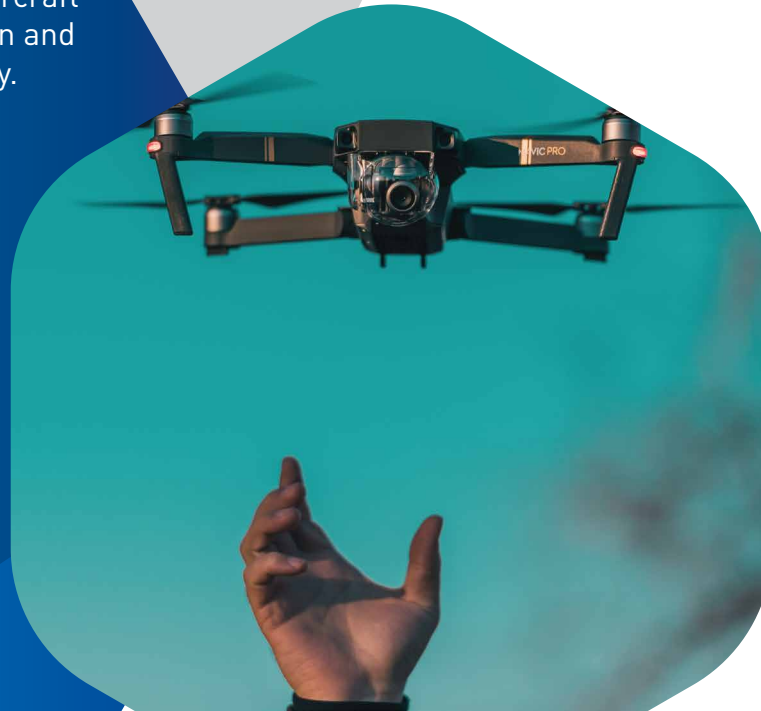
# BEYOND VISUAL LINE OF SIGHT (BVLOS) COURSE 2023



# BVLOS ADMISSION REQUIREMENTS 2023

## **Beyond Visual Line of Sight (BVLOS)**

A BVLOS operation is one in which the remote pilot cannot maintain direct unaided visual contact with the remotely piloted aircraft to manage its flight and to meet separation and collision avoidance responsibilities visually.



Dear Student,  
Thank you for choosing Ntsu Drone Academy to do your BVLOS course.

### **Admin requirements**

The following documents are required from each student:

1. Completed Student Information Form
2. Certified Copy of RPL which the correct endorsement on the license
3. Access to a laptop capable of running simulation software (Mission Planner)

Please scan the icon below or click on the following link in order to register as a student:

<https://forms.gle/Dffjt7RuL59b81b18>



# COURSE DELIVERY

Learning Style: Virtual/Classroom  
and Practical Duration:  
5 days (3 theory and 2 practical)



## 2023 SCHEDULE

- 27 FEB - 03 MAR 2023
- **27 MAR - 31 MAR 2023**
- 24 APR - 26 APR 2023
- **29 MAY - 02 JUN 2023**
- 26 JUN - 30 JUN 2023
- **31 JUL - 04 AUG 2023**
- 28 AUG - 1 SEPT 2023
- **26 SEPT - 29 SEPT 2023**
- 30 OCT - 04 NOV 2023
- **27 NOV - 1 DEC 2023**

## THEORY TRAINING

Day 1 – 3: will consist of the following ground school:

- RPAS Air Law Part 101
- Meteorology
- Factors affecting aircraft and performance
- Wireless links
- Human Factors
- Radiotelephony
- Threat and Error Management (TEM)
- Ground and airborne collision Avoidance
- Control of the RPA(A)
- Navigation Procedures

**Logistics:** Online course using Zoom/ In-person Training depending on your preference.

Once the theory is completed, a theory exam needs to be written and passed with a minimum of 75%. Once the exam has been passed, we will begin the Practical.

# PRACTICAL TRAINING

## BVLOS Practical Training Information (Day 3 – 4):

- Mission loading and verification
- Monitoring RPS for
  - C2 link quality/degradation
  - Power reserves
  - RPA status monitoring
- Normal and cross-wind take-offs and landings
- Maximum performance (Short field and obstacle clearance take-offs, short-field landings)
- Abnormal and Emergency Procedures:
  - Loss of orientation
  - Recovery from flight at
  - Recovery from unusual attitudes using
  - Flight instrumentation
  - Abnormal and emergency procedures; and
  - Maneuvers

**Logistics:** In-person Training.

## Skills Test

For a Pilot to be assigned to BVLOS operations he/she should have completed the following:

- Pass the BVLOS theoretical exam with a pass mark of at least 75%;
- Pass the skill in order to be assigned as PIC in BVLOS operations;





**NTSUDRONEACADEMY**  
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