NATIONAL DRONES Training Institute

RTO 41441

Certificate III in Aviation (Remote Pilot) – 2-Year Program Schedule

Qualification: AVI30419 Certificate III in Aviation (Remote Pilot)

Delivery Format: Classroom/Park-Based

Target Audience: Year 11–12 students enrolled in VCE/VET programs

Drone Class: Sub 7kg Multi-Rotor

Weekly Session Duration: 3.5 hours

Program Duration: 2 Years part-time (400 nominal hours)

Year 1 – Foundations of RPAS Operation

Unit Code	Unit Name	Nominal Hours	Core or Elective
AVIY0031	Apply the principles of air law to remote pilot aircraft systems operations	15	C
AVIY0027	Operate multi-rotor remote pilot aircraft systems	20	E
AVIH0006	Navigate remote pilot aircraft systems	45	C
AIVW0004	Perform operational inspections on remote operated systems	30	C
AVIY0053	Manage remote pilot aircraft systems energy source requirements	25	C
AVIE0003	Operate aeronautical radio	25	E
AVIE0005	Complete a Notice to Airmen (NOTAM)	20	E
AVIW0008	Conduct aerial search using remote piloted aircraft	30	E
	Total Nominal Hours	**210**	

Year 2 – Licence Training & Assessment

Unit Code	Unit Name	Nominal Hours	Core or Elective
AVIZ0005	Apply situational awareness in remote pilot aircraft systems operations	5	C
AVIF0021	Manage human factors in remote pilot aircraft systems operations	20	C
AVIW0028	Operate and manage remote pilot aircraft systems	40	C
AVIW0007	Perform aerial mapping and modelling using remote piloted aircraft systems	35	E
AVIY0023	Launch, control and recover a remotely piloted aircraft	30	C
AVIY0052	Control remote pilot system on the ground	25	C
	Total Nominal Hours	**190**	
	Total Nominal Hours	**210**	

Program Notes

- Classes operate for 3.5 hours every Friday during Victorian school terms.
- There are no classes during school holidays or public holidays.
- Program includes blended learning: LMS access for theory and assessment submissions, and practical flying sessions.
- Students complete CASA-aligned assessments for Remote Pilot Licence (Sub 7kg).
- Trainer-led flight sessions will progressively develop student proficiency and confidence.
- Logbooks, safety checklists, and performance reviews are maintained throughout the course.
- OHS / Personal Protective Equipment: Hi-Vis Vest required for practical sessions, provided by National Drones Training Institute.

Our Module Plans

In each module accessed through our learning portal, there are 5 types of activities and resources

1. **Weekly Session Information:** Information about upcoming sessions, including the date and location, as well as what will be covered and any assessment tasks.

2. **Online Learning Resources** - Here you will find a range of learning resources to work through as either self-paced learning or in class with your instructor

3. **Flight mission resources** - These resources include external planning documents for our practical flying, such as CASA Safety apps, pre-flight checklists and Air Services Australia Maps and charts.

4. **Assignments and Quizzes** -Required Assessment Tasks for each Module. These tasks map to the relevant module's Units of Competency assessment requirement.

5. **Discover More** -A module Library of additional resources to support your learning. These include documents, videos, links, checklists, and other materials

Notes

Each week, classes will be split into a theory and practical session (weather permitting). The students need to:

- Wear clothing that is appropriate for the weather conditions for the day
- Ensure they have a bottle of water and sunscreen, if the sun is shining.
- Either bring a laptop, Tablet, or iPad for your classroom learning session each week.
- Need to have either an iOS or an Android device to connect to the remote controller to operate the aircraft during the practical sessions.