

National Drones Training Institute

aviation (remote pilot)

Course Code & Name:		Certificate III in Aviation (Remote Pilot) AVI30419 NB: 2021
Course Aims:		The qualification is relevant to individuals operating remotely piloted aircraft systems (RPAS), in compliance with relevant regulatory requirements of the Civil Aviation Safety Authority (CASA) and national operating standards. A more detailed course description can be seen here: https://training.gov.au/Training/Details/AVI30419
Course Delivery	Location and Times:	Year 1: Caribbean Gardens/Park, Ferntree Gully Road, Scoresby Wednesday 1:00pm – 4:30pm Year 2: 2022
	Mode of Delivery:	Classroom/park based.
	Duration:	2 years part time

On successful completion of this program the student will achieve:

Credit towards VCE/VCAL	VCE:	<ul style="list-style-type: none"> Recognition of two VCE VET units at a Units 1 and 2 level Recognition of two VCE VET units at a Units 3 and 4 level
	VCAL:	This program contributes to the Industry Specific Skills Strand of VCAL and may also contribute to the Work Related Skills Strand of VCAL.
	Qualification:	A nationally recognised qualification: AVI30419 – Certificate III in Aviation (Remote Pilot)

Additional Requirements/ Information:	Name of RTO & Provider of Qualification:	Beverly College Pty Ltd T/A National Drones Training Institute RTO: 41441
	RTO Student Information:	Please refer to the Mullum VET Cluster website www.mullumvetcluster.com.au for student rights and responsibilities whilst on campus.
	OHS / Personal Protective Equipment:	Supplied by National Drones Training Institute.
	Excursions:	National Drones - Commercial Drone Operation. Airservices – Melbourne Air Traffic Control Tower. CASA (Civil Aviation Safety Authority) Victoria Police RPAS (Remote Pilot Division)
	Work Placement:	No Work Placement Required.
	Other:	Please note this course is subject to change

Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Compulsory / 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	C
AVIH0006	Navigate remote pilot aircraft systems	45	C
AVIW0004	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	C
AVIE0005	Complete a Notice to Airmen (NOTAM).	20	C
AVIW0008	Conduct aerial search using remote piloted aircraft	30	C
Total nominal hours		210	

Year 2: Competencies covered in the second year.

Unit Code	Unit Name	Nominal Hours	Compulsory /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
AVIW0006	Perform infrastructure inspections using remote operated systems	35	C
AVIW0007	Perform aerial mapping and modelling using remote piloted aircraft systems	35	C
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	

FUTURE PATHWAYS & OPPORTUNITIES	Complementary studies:	<ul style="list-style-type: none"> • RePL CASA cert Remote Pilot License 	
	Pathways:	<ul style="list-style-type: none"> • Diploma of Police Search and Rescue • Diploma of Property Services (Asset and Facility Management) • Advanced Diploma of Public Safety (fire Fighting Management) • Advanced Diploma of Conservation and Land Management • Diploma of Aviation <p>The use of drones as a tool to capture and analyse data is being utilised over a vast number of career pathways, providing upskilling opportunities in technology, necessary for future jobs.</p>	
	Possible Future Career Opportunities:	<ul style="list-style-type: none"> • Engineering • Surveying • Law Enforcement • Building/Asset Inspection • Energy / Utility Sectors • Artificial Intelligence 	<ul style="list-style-type: none"> • Telecommunications • Mining • Forensics • Emergency Services • Computer Science • UAV/Drone Pilot

