

Course Details:

AVI30419 Certificate III in Aviation (Remote Pilot)

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 (ASA) 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: Elisabeth Murdoch College, 80 Warrandyte Road, Langwarrin. Wednesday 1:00pm – 4:30pm

Year 2: Elisabeth Murdoch College, 80 Warrandyte Road, Langwarrin. Wednesday 1:00pm – 4:30pm

Mode of Delivery Classroom/Park based

Duration: 2 years part time

On successful completion of this program the student will achieve:

Credit towards VCE, VCE VM, VPC and Intermediate VCAL

All VET in school programs contribute units towards VCE and VCE VM. To confirm the number of units and if the program has a scored assessment and therefore a study score, please refer to the following VCCA Get VET resource:

[VCE-VET-program-chart.pdf](#)

Further information can be found on the VTAC website: www.vtac.edu.au and/or www.vcaa.vic.edu.au

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 www.mullumvetcluster.com.au for student rights and responsibilities whilst on campus.

OHS / Personal Protective Equipment: Hi-Vis Vest required for practical sessions, provided by National Drones Training Institute.

Excursions:

- **National Drones** - Commercial Drone Operation.
- **Airservices** – Melbourne Air Traffic Control Tower.
- **Victoria Police** RPAS (Remote Pilot Division)

Work Placement: Not required.

Other: NA

Future Pathways and Opportunities:

Complementary studies:

- Remote Pilot Licence (RePL) and Aeronautical Radio Operator Certificate (AROC) - CASA

Pathways:

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| <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) • Diploma of Aviation | <ul style="list-style-type: none"> • Diploma Commercial Pilot • Diploma Commercial Helicopter Pilot • Advanced Diploma Pilot in Command • Advanced Diploma of Conservation and Land Management |
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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.

Possible Future Career Opportunities:

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| <ul style="list-style-type: none"> • Engineering • Surveying • Law Enforcement • Building/Asset Inspection | <ul style="list-style-type: none"> • Energy / Utility Sectors • Artificial Intelligence • Telecommunications • Mining | <ul style="list-style-type: none"> • Forensics • Emergency Services • Computer Science • UAV/Drone Pilot |
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Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Core/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
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	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: Competencies covered in the second year:

Unit Code	Unit Name	Nominal Hours	Core/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	E
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	

