

Certificate III in Aviation (Remote Pilot)

COURSE OUTLINE

Training Provider:	National Drones Training Institute (RTO: 41441)
Course Code:	AVI30419
Location:	Elisabeth Murdoch College
Duration:	2 Year program
Time:	Wednesday 1:30 – 4:30pm
Cost:	TBA – Please see your VET Coordinator for cost details



AVIATION - DRONE Pilot

Description:

Remote pilots operating at this level will apply non-technical and technical knowledge and skills to demonstrate autonomy and judgement and will take limited responsibility within established regulatory parameters. This qualification is relevant to individuals operating remotely piloted aircraft (Drones) within visual line of sight, below 400 feet outside of controlled airspace, greater than 3 nautical miles from an aerodrome, outside of populous areas. Remote pilot duties include applying technical and non-technical aviation skills and knowledge. Students doing this qualification will also complete the requirements for certification by the Civil Aviation Safety Authority (CASA)

Contribution to the VCE/VCAL:

On completion of the program students are eligible for four credits towards their VCE, two at Units 1-2 level and a Unit 3-4 sequence. Students who successfully complete the Unit 3-4 sequence will be eligible for a 10% increment towards their ATAR. This program will also satisfy the learning outcomes for the VCAL Industry Specific and the Work Related Skills strand.

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Sample Units of Study:

AVIF0021	Manage human factors in remote pilot aircraft systems operations
AVIH0006	Navigate remote pilot aircraft systems
AVIW0028	Operate and manage remote pilot aircraft systems
AVIW0004	Perform operational inspections on remote operated systems
AVIY0052	Control remote pilot aircraft systems on the ground
AVIY0023	Launch, control and recover a remotely piloted aircraft
AVIY0053	Manage remote pilot aircraft systems energy source requirements
AVIY0031	Apply the principles of air law to remote pilot aircraft systems operation
AVIZ0005	Apply situational awareness in remote pilot aircraft systems operations.
AVIE0003	Operate aeronautical radio
AVIE0005	Complete a Notice to Airmen (NOTAM)
AVIY0027	Operate multi-rotor remote pilot aircraft systems
AVIW0007	Perform aerial mapping and modelling using remote pilot aircraft systems
AVIW0006	Perform infrastructure inspections using remote operated systems

What to Bring:

Students are required to bring a laptop and smart phone.,

Structured Workplace Learning (SWL) - TBA

SWL is not mandated in this program.

Further Study:

The following is sample of the industries drones can be used:

- Agriculture
- Real Estate
- Building and Construction
- Emergency Services
- Aerial Photography
- Telecommunications

<https://nationaldrones.com.au/>

<https://nationaldrones.com.au/smart-data/>

Please note: *These details are subject to change and will require confirmation by the Registered Training Provider or TAFE.*

VET enrolments are processed through secondary school VET Coordinators. If you are interested in completing this program, please contact your school VET Coordinator.

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