



2022 Course Brochure

About Us

Drone-X (Pty) Ltd is an **Approved Training Organization** with the **Civil Aviation Authority** providing a professional course for recreational and commercial RPAS Pilots.

Our Training License number is CAA/0420.

Introductory Course - providing private individuals the knowledge and basic practical skills to operate the unmanned aircraft in a safe and legal manner. Introductory courses are not scheduled. The lesson is booked with an instructor at one of training venues on an appointment basis.

Remote Pilot License (RPL) & Fixed Wing RPL - providing pilots with the knowledge and practical skills necessary to safely and effectively operate unmanned aircraft, commercially. This course is operated on a scheduled basis – please enquire with our office for the relevant schedule.

Venues

We provide RPL training at approved venues in **Cape Town, Johannesburg and Durban.**

Please Note: Fixed Wing RPL training is ONLY available in Cape Town.

	Theory	Practical
Cape Town	Online Zoom Lectures	Wild Clover, Stellenbosch Diemersfontein Estate, Wellington
Johannesburg		Centurion
Durban		Harlequins Rugby Club, The Bluff

Requirements

To enrol in the RPL course, the prospective candidate must:

- be **18 years** or older
- obtain a **Class 3 Aviation Medical Examination** by a Senior Designated Aviation Medical Examiner, approved by the South African Civil Aviation Authority prior to starting the course.
- comply with the minimum requirements for **Language Proficiency**

Below is an extract of the list of approved Senior Designated Medical Examiners.

The CAA list of AME's is quite extensive, and are happy to provide a more detailed list upon request.

<http://www.caa.co.za/Pages/Aviation%20Medicine/Regular%20Designated%20Examiners.aspx>

Please note: certain medical conditions may influence the outcome of the medical examination. For example, but not limited to: Epilepsy, Diabetes, Colour-Blindness, Vision Problems, Cardiac related ailments, Blood Pressure, Depression, etc.

Cape Town Doctors:	Durban Doctors:	Johannesburg Doctors:
Dr L Busse 082 570 1527	Dr L Chetty 031 563 0735	Dr BU Buchner 012 347 9349
Dr GM Rosendorff 021 424 2003	Dr RA Goordeen 031 507 9110	Dr S Tenzer 011 493 3333
Dr F Cronje 021 910 0454	Dr A Niemann 031 561 1277	Dr JH van den Berg 012 734 0123

For the Restricted Radio licence, the candidate will need a **Language Proficiency**.

This can be either one of the following certificates:

- Matric Certificate (obtaining at least a D-symbol in English 1st Language)
- College Diploma (at least 2 year SAQA-recognised qualification with English as the language of tuition)
- University Degree (at least 2 year SAQA-recognised qualification with English as the language of tuition)

Should the candidate not have either of these, Drone-X can arrange a Language Proficiency Test with a registered examiner at an additional charge payable by the candidate.

Contact Us: Anya Black - Marketing & Training Co-ordinator
Email: training@drone-x.co.za
Call / WhatsApp: 082 563 8003



Phase 1 - Theory (5 consecutive days via online Zoom lectures as per schedule)

The theory part of the course is broken up into 14 Modules.

Internal exams are set for the following subjects and are written during Phase 2:

- Air Law
- Principles of Flight
- Aircraft Technical & General
- Meteorology
- Human Performance
- Radio Telephony
- Navigation
- Flight Planning

Refer to the [Online Theory Lecture Schedule](#)

Phase 2 – Restricted Radio License, Practical Training & Internal Exams

The Restricted Radio License consists of two parts: Radio Theory Exam and Radio Oral Exam.

Upon completion of Phase 1, we provide candidates with a login for radio mock exams, in preparation for the CAA Radio Theory Exam. The Radio Theory Exam is booked on an appointment basis on any week day and the online exam is written at a Registered SACAA Examination Centre in an invigilated environment.

We normally suggest at least a week of study time in order to prepare for the CAA online exam. Please enquire with us examination centre is closest to you.

Once the Radio Theory Exam is passed, the candidate will proceed to do a Radio prep session with our Instructor, followed by the Radio Oral/Practical Exam with an approved CAA Examiner.

Once the Restricted Radio License is completed, the student will be handed over to the Instructor for Practical Training. We cover some theory training within the two-hour session and include at least one hour of actual flight time during each session.

- Multi-Rotor Practical Training consists of 7 two-hour sessions
- Fixed Wing Practical Training consists of 5 two hour sessions

It is during this Phase that your Instructor will set you up to complete examinations on the Modules covered in Phase 1 for your Internal Exams.

Phase 3 – Practical Training and Final Exams

Phase 3 kicks off with a final practical training session, and then the candidate will be passed onto our Chief Flight Instructor (CFI), who will conduct a "Mock Skills Test" known as the Letter of Recommendation (LOR) flight. This lesson is to ensure that each candidate is proficient in the practical flying manoeuvres, as well as ensure that the theoretical knowledge is acceptable to be able to pass the final skills test.

The CFI will then issue the candidate with a "Letter Of Recommendation", and will pass this onto the Approved Designated Flight Examiner (DFE) to conduct the final skills test.

The final Skills test consists of theoretical ground evaluation of approx. 1–1½ hours, followed by a 15-minute practical flight test.

Application to Civil Aviation Authority & Issue of RPL License

Drone-X will arrange the submission of the application to the Civil Aviation Authority and will supply each candidate with a list of required documentation for the application after registering for a course. Once your RPL License is issued, Drone-X will arrange for collection or delivery of the license.

Duration of Course

The RPL Course can be comfortably completed within 4-6 weeks.

What Now?

- To register for one of our courses, kindly complete the **Registration Form** and email it back to us.
- Please enquire for the latest **Course Schedule**, which is operated on a monthly basis.
- Please refer to the quotation below for the breakdown of costs on course options.