



www.hyperiondev.com

Online training brochure
February 2015

Overview

Hyperion Development is an organisation based in South Africa (SA), but managed from both SA and the United Kingdom. Hyperion builds and maintains the first online course platform for programming education in SA and through this has delivered training to thousands of users nationally. Clients that include **Oracle**, **The Department of Education**, and the **Council for Scientific and Industrial Research** have leveraged our in-person and online training packages to train hundreds of their staff in workshops that we offer in Cape Town, Durban, Johannesburg, Stellenbosch, Pretoria, and Port Elizabeth.



Online training packages: Python

Our Python training is endorsed and supported by the Python Software Foundation (www.psf.org) - the official organisation representing this programming language internationally - with whom we have worked with closely since 2012. Hyperion is the largest private Python trainer in South Africa (**1200+** enrolled Python learners), and presented our training at the prestigious PyCon conference.

As a minimum requirement all our trainers are qualified with **Computer Science** honours degrees from institutions that include the **Rhodes University**, **University of Cambridge**, **Cape Town**, **Witwatersrand**, and **Oxford**.

Call 031 100 2648 if you'd like to speak to a sales consultant, or email your phone number to riazm@hyperiondev.com to be called back. To register for a course, see instructions at the bottom of this document.

Python Essentials Course - R995

35 programming exercises over 6 modules: **2 weeks** of trainer support, **±13** hours course time. Designed for **beginners** who want to learn the basics of Python.

- Delivers a **thorough & foundational introduction to programming and usage of the main building blocks of Python** to create applications. Topics include all major data and control structures, usage patterns such as indexing and slicing, control flow and exception handling, object orientated programming for code reuse.
- **Entirely online:** Work at your own pace and on whenever you decide.
- **Trainer support:** Receive one-on-one written feedback and marking of your exercises and programming code within 24 hours of submission - even on weekends - for a period of **2 weeks**. Our trainers deliver an unmatched level of support and feedback assisting you with code layout, program design, efficiency of solutions, and installation assistance of programming packages and editors.
- **Certification:** Certificate of successful completion of Python Essentials course.
- **Optional add ons:** One hour 1:1 online video tutoring session with trainer at R345 extra per session. Get help your your code in real time.

Feedback

“Thank you for creating this course, it really is an exceptional way of teaching non-programmers like myself the basics of the language they want to learn. I have found that the way you teach the language and the examples given are far superior to anything found just by reading books on the topic. Many thanks again, and I hope to continue learning to program with your help.”

Jashan Gokal, Python Student - Durban 2014

Python Software Developer Course - R2495

70 programming exercises spread over 10 modules: **4 weeks** of trainer support, **±22** hours course time. Designed for **beginners** who want to become intermediate-level Python **software developers**.

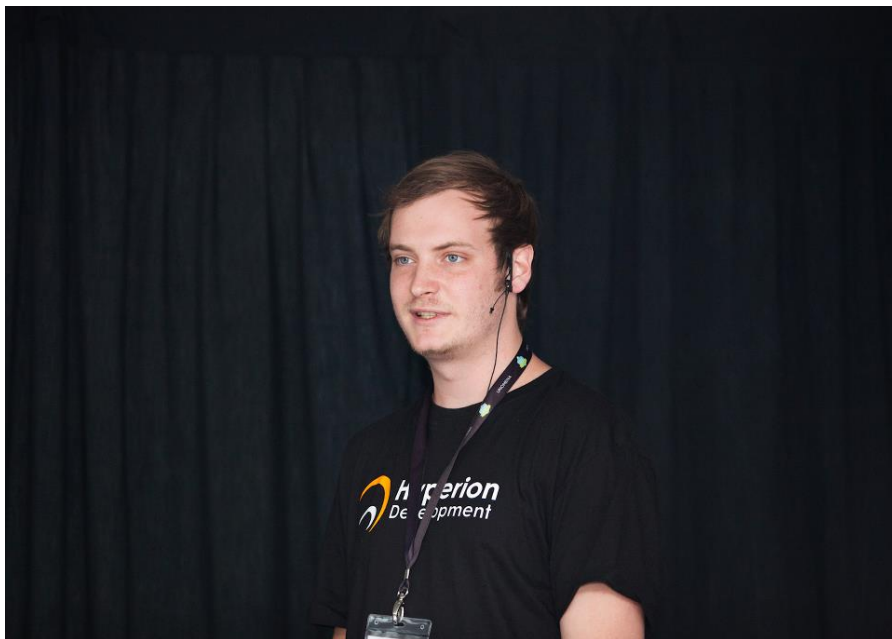
- Delivers a **thorough & foundational introduction to programming and usage of the main building blocks of Python** to create applications. Topics include all major data and control structures, usage patterns, control flow, and OOP. **Extends onto building more complex applications using software development techniques:**
 - Learn how to use **common data formats such** as JSON to plot someones location on Google Maps using their mobile phone data.

- Build a **spam classifier** using Python Artificial Intelligence libraries for analysis of text.
- Under and use the intermediate technique of **recursion** used in applications such as MS Paint.
- **Entirely online:** Work at your own pace and on whenever you decide.
- **Trainer support:** Receive one-on-one written feedback and marking of your exercises and programming code within 24 hours of submission - even on weekends - for a period of **4 weeks**. Our trainers deliver an unmatched level of support and feedback assisting you with code layout, program design, efficiency of solutions, and installation assistance of programming packages and editors.
- **Video support:** Includes one hour long 1:1 online video tutoring session from your trainer.
- **Certification:** Certificate of successful completion of Python Developer course.
- **Optional add ons:** One hour 1:1 online video tutoring session with training at R395 extra per session.

Feedback

“Hyperion helped give me the confidence to pursue programming as a career, the lessons they offered provided me with a solid foundation to develop skills in not only Python but programming principles in general.”

Emile Esterhuizen, Python Student - Cape Town 2014



Hyperion representative Orion Adams presents our training at PyCon 2012.

Python Web Developer Course - R2495

65 programming exercises spread over **10** modules: **4 weeks** of trainer support, **±20** hours course time. Designed for **beginners** who want to who want to become intermediate-level Python **web developers**.

- Delivers a **thorough & foundational introduction to programming and usage of the main building blocks of Python** to create applications. Topics include all major data and control structures, usage patterns, control flow, and OOP. **Extends onto building complex web applications, including:**
 - Learn how to apply the basic Python skills to use the **Django web development framework**, used to create the websites of the **New York Times** (www.nytimes.com), **Instagram** (www.instagram.com) and **Hyperion itself** (www.hyperiondev.com) and thousands more.
 - Learn how **CSS and HTML** is used to create stylish web pages, and how this integrates with Django to create powerful database-driven and highly customisable websites.
 - Learn how **databases** can work seamlessly to store user accounts and allow for email registration and user profiles on websites.
- **Entirely online:** Work at your own pace and on whenever you decide.
- **Trainer support:** Receive one-on-one written feedback and marking of your exercises and programming code within 24 hours of submission - even on weekends - for a period of **4 weeks**. Our trainers deliver an unmatched level of support and feedback assisting you with code layout, program design, efficiency of solutions, and installation assistance of programming packages and editors.
- **Video support:** Includes one hour long 1:1 online video tutoring session from your trainer.
- **Certification:** Certificate of successful completion of Python Developer course.
- **Optional add ons:** One hour 1:1 online video tutoring session with training at R395 extra per session.

Procedure for booking: Email riazm@hyperiondev.com with your course selection. A quote will be generated. **50% of total course fee due prior to starting all courses. Payments can be made by EFT into our Standard Bank account or by credit card. A welcome call with your trainer will then be set up and your course date arranged around your schedule.**