



Professional Python Training

**Course : Introduction to Python
Programming**

January 9-11, 2007

Venue: Cititel (Mid-Valley), Kuala Lumpur

Enquiries : enquiries@pytechresources.com

Website : <http://www.pytechresources.com>

Tel : 603-77291501

Mobile : 016-3101 111

Brief Course Description

This 3 days course provides a complete introduction to programming in the Python language. It is for people with some basic knowledge of programming but who have not used Python before.

It has a high degree of interactivity, enabling students to try out new features as they are introduced. They will become familiar with the interpreter and learn how to use Python's self-documenting features to find out what they need to know.

Upon completion of the course, you will have a sound working knowledge of the language core. You will be able to design and create Python objects, classes and modules and to build a variety of tools and applications. It builds a solid foundation from which you can venture into specific areas of programming such as GUI design and programming, network programming, web and database applications and COM.

Course Schedule

Day 1 (January 9, 2007)

Morning Session I (9.00 – 10.30 am)

- Introduction to Python
- How to Run Python Programs
- Types and Objects

Coffee Break (15 mins)

Morning Session II (10.45– 12.30 am)

- Types and Objects (continued)
- Exercises
- Numbers
- Exercises

Lunch (12.30 – 1.45 pm)

Afternoon Session I (1.45 - 3.00pm)

- Sequences
- Lists and Tuples
- Strings

Coffee Break (15 mins)

Afternoon Session II (3.15 – 5.00pm)

- Sequences (continued)
- Strings
- Exercises
- Dictionaries
- Exercises

Day 2 (January 10, 2007)

Morning Session I (9.00 – 10.30 am)

- Control Flow
- Conditionals
- Loops and Iteration
- Errors and Exceptions
- Exercises

Coffee Break (15 mins)

Morning Session II (10.45– 12.30 am)

- Files and I/O
- Exercises

Lunch (12.30 – 1.45 pm)

Afternoon Session I (1.45 - 3.00pm)

- Functions and Functional Programming
- Exercises

Coffee Break (15 mins)

Afternoon Session II (3.15 – 5.00pm)

- Modules and Packages
- Exercises

Day 3 (January 11, 2007)

Morning Session I (9.00 – 10.30 am)

- Classes and OOP
- Coffee Break (15 mins)

Morning Session II (10.45– 12.30 am)

- Classes and OOP (continued)
- Exercises

Lunch (12.30 – 1.45 pm)

Afternoon Session I (1.45 - 3.00pm)

- Classes and OOP (continued)
- Exercises
- GUI Programming with Tkinter

Coffee Break (15 mins)

Afternoon Session II (3.15 – 5.00pm)

- GUI Programming with Tkinter (continued)
- Exercises
- Testing
- Conclusion : Python and the Development Cycle

Trainer Profile

Boey Pak Cheong has more than 20 years experience in software development using various programming languages (including Python, C, PHP, Javascript, HTML, CSS2, LaTeX) and 10 years using the Python language in a production environment. He founded Pytech Resources and currently serves as its Principal Consultant. Pytech Resources specializes in software engineering, corporate training, web applications development, website design and analysis. P.C. Boey has previously worked in technical and management positions with British Petroleum, ITT and Alcatel.

He holds an honours degree in Chemical Engineering but found his passion in computers and its programming. He created the software for a leading e-commerce website using Python that dynamically generates comprehensive pdf reports either in English or Chinese and continues active development of new products for this website.

Course Fees and Registration

RM1,800 per person (US\$500)

Early Bird Discount RM200 (US\$50) (applicable to registrations and payment made before November 15, 2006)

Team discount of 15% (applicable for organisations sending 3 or more participants)

Fees cover attendance, course documentation, lunch and tea breaks.

Note : Your organisation may be eligible to claim course expenses from HRDF through SBL scheme.

To register you can fill in our registration form online at

<http://www.pytechresources/public/registerform>

and send the full payment for the amount applicable by cheque made payable to Pytech Resources and forward it to :

Pytech Resources
131 Jalan SS22/32
47400 Petaling Jaya
Selangor
Malaysia

You can also print out the form on the next page and complete it and send together with your cheque.

Cancellations, Refunds and Transfer Policy

1. Full refund will be made for all cancellations received in writing at least four weeks prior to the course commencement date.
2. A 50% refund will be made for cancellations made in writing at two week prior to the meeting.
3. A substitution may be made at any time and at no extra cost.
4. No refund will be entertained for cancellations made less two weeks from the course commencement date.

Registration Form

Course : Introduction to Python Programming
Dates : January 9-11, 2007
Venue : Cititel (Mid-Valley), Kuala Lumpur

First Name :

Last Name :

Company Name :

Address :

City :

State :

Postcode:

Country :

Telephone :

Fax (optional):

Hand Phone:

Email Address :

Please fill in all the fields except for Fax (optional) and send the completed form with full payment in the form of a cheque made payable to Pytech Resources.

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