Entry into Programming with Python

Category: Software Development & Programming | **Vendor:** Various

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Learn from course developer Dieter Rüetschi the basic mechanisms of programming with Python and how to apply them. The perfect introduction to programming.

About This Course

One: What is Python?

2. First Steps

- Arithmetic operations
- First program
- Save and execute

3. Programming Basics

- Variables and Operators
- Branchings
- Grinding
- Errors and exceptions
- Functions

4. Data Types

- Numbers
- Strings
- Lists
- Dictionaries
- Quantities, sets

5. Advanced Programming

- Output and formatting
- Errors and exceptions
- Functions
- Own modules
- Command line parameters

6. Various Modules

- Date and time
- Regular expressions
- Loading new modules

7. Files

- Writing to files
- Reading files

8. Internet

- Reading web pages
- Copying web pages
- Send data by GET and POST

9. Databases

- Create databases, tables
- import data
- Select data
- alter data
- remove data

10. User Interface

- Introduction to the programming of graphical user interfaces

Who Should Attend

IT affine people who are looking for an introduction to programming.

Prerequisites & Entry Requirements

General Prerequisites:

Basic PC knowledge

Learning Outcomes

Upon successful completion of this course, participants will be able to:

You can independently develop and maintain simple scripts.

Skills You Will Learn:

You can independently develop and maintain simple scripts.

Frequently Asked Questions

Q: What delivery options are available for Entry into Programming with Python?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Entry into Programming with Python course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Entry into Programming with Python training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Entry into Programming with Python?

Yes, we provide corporate training, dedicated training, and closed classes for Entry into Programming with Python. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Entry into Programming with Python, Python, PYTHON01

Q: Why choose Nexus Human for Entry into Programming with Python?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Entry into Programming with Python training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 13/11/2026.