

# Python Programming - Advanced

**Category:** Developer

**Duration:** 24.00 hours (3 days)

**19.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Classroom

## Course Overview

Students will build upon basic Python skills, learning more advanced topics such as object-oriented programming patterns, development of graphical user interfaces, data management, threading, unit testing, and creating and installing packages.

## About This Course

Students will build upon basic Python skills, learning more advanced topics such as object-oriented programming patterns, development of graphical user interfaces, data management, threading, unit testing, and creating and installing packages.

## Who Should Attend

This course is designed for existing Python programmers who have at least one year of Python experience and who want to expand their Python proficiencies.

# Learning Outcomes

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

In this course, students will expand their Python proficiencies.

Students will:

Create object-oriented Python applications.

Design and create a GUI.

Store data in a database from Python applications.

Communicate using client/server network protocols.

Manage multiple processes with threading.

Implement unit testing.

Package an application for distribution.

## Additional Course Details

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Nexus Humans Python Programming - Advanced training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Python Programming - Advanced course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for Python Programming - Advanced?**

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
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## **Q: How many CPD hours does this course provide?**

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

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## **Q: What is the duration of the Python Programming - Advanced training?**

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

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## **Q: Do you provide corporate training for Python Programming - Advanced?**

Yes, we provide corporate training, dedicated training, and closed classes for Python Programming - Advanced. 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.

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## Q: Why choose Nexus Human for Python Programming - Advanced?

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 Python Programming - Advanced 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

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