

# Introduction to Programming with Python (for Non-Developers) (TTPS4803)

**Price:** 2195

**Duration:** 4 days

**Delivery Methods:** Virtual

## Overview

### Overview

***Introduction to Programming with Python (for Non-Developers)*** is a hands-on course that teaches students from non-development backgrounds the basics of programming and scripting, using Python. This course gently leads through programming essentials, working through the fundamentals of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules.

This course provides an excellent kick start for users new to Python and scripting, enabling them to use basic Python skills on the job in a variety of ways. Students can apply the course skills to use Python in basic web development projects or automate or simplify common tasks with the use of Python scripts. The course also serves as a solid primer course / foundation for continued Python study in support for next level web development with Python, Python for data science / machine learning or Python for systems admin or networking support.

### Objectives

This course is about 40% hands-on, combining engaging, informed instructor presentations, demonstrations and discussions with extensive machine-based student labs and practical project work. Throughout the course students will learn to write essential Python scripts using the most current and efficient skills and techniques.

Working within in an engaging, hands-on learning environment, guided by our expert instructor, students will learn to:

- Thinking as a Software Developer, including coding logic and structures
- Create working Python scripts following best practices
- Use python data types appropriately
- Read and write files with both text and binary data
- Get familiar with the standard library and its work-saving modules
- Know when to use collections such as dictionaries, and sets
- Understand Pythonic features such as comprehensions and iterators

## **Audience**

This basic level course provides an excellent kick start for users new to Python and scripting or programming, enabling them to use basic Python skills on the job in a variety of ways. This is a **basic-level** Python course geared for student who are new to Software Development and use Python in projects, or system administrators and web site administrators who want to use Python to support their server installations, as well as anyone else who wants to automate or simplify common tasks with the use of Python scripts.

Before attending this course, students must have:

- Ability to use computers to start programs, open and save files, navigate application menus and interfaces
- Ability to understand logical concepts such as comparisons
- Understand number theory
- Ability to create, understand, and follow structured directions or step-by-step procedures
- Ability to understand and apply abstract concepts to concrete examples

## **Pre-Reqs**

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## Course Schedule

Date	Time	Price	Options
06/08/2026	09:00 AM - 05:00 PM CT	2,195.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>
09/14/2026	09:00 AM - 05:00 PM CT	2,195.00	<a href="#">Buy Now</a> <a href="#">Enroll</a>

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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.