



Citadel for building innovative champions

Build Your Tomorrow Today



About us

Our training school, Torilo Academy is one of Nigeria's leading provider of training courses. We are located in No 1, Olaniyan Close, Mobolaji Bank Anthony Way, Ikeja, Lagos.

We have expertise in tech-related training courses and we offer a variety of courses that ranges from Product Design (UI/UX), Software Engineering (Python), Web Design & Development, Digital Marketing, Graphics Design etc.

We pride ourselves on impacting unquantifiable knowledge in our students and ensure that they each achieve their goals.

Why Learn at Torilo Academy

Our parent company is a renowned Information Technology firm and a leading provider of technology services in the **United kingdom** and **Nigeria**.

We are an **Award winning** professional training school for individuals and organisations in delivering industry focused programmes.

Our Courses are **Intensive** training programmes that combine real work with learning and a certificate of completion in the chosen field.

Our courses at TA are talent development programmes that **creates futures that count**. We teach meaningful skills that help build **long-term careers**.

Build Your Tomorrow Today

Creating futures that count

Developing futures is our end goal, that's why our experts are guided by our own unique training principles to make sure all our courses are focussed on creating successful careers.

All our courses are project based and practical with a work experience feel and opportunities to network with professionals in the field while gaining confidence to transition into your chosen career path. We design our courses not just to deliver skills, but develop long-term talent.

Training sessions

Our training sessions are meticulously planned by our tutors and are designed in a manner geared toward the actualization of each students goals. Your time is valuable, so our goal is to best train you while taking up the least amount of your time possible.

Your training will be conducted by one tutor over **eight weeks** of total sessions that will last from 10am- 2pm on weekdays or 10am-5pm on Weekends.

Payment

The total cost to be paid to the Academy by the student for the training sessions shall be **Seventy-five thousand Naira(75,000)**. Payment in installments are allowed, provided that you make half payment first and complete payment halfway into the training.

Software Engineering (Python)

Syllabus

Introduction

This course focuses on Python specifically for data science. In our Intro to Python class, you will learn about powerful ways to store and manipulate data.

Python is one of the top programming languages for web development that is becoming more and more popular and it is also used by data scientists in a wide range of applications. Companies worldwide are using Python to harvest insights from their data and get a competitive edge..

Unlike any other Python tutorial, Torilo Academy will teach you the best practices of software engineering. This course focuses on more practices and less theory to help you build great apps the right way. Learn Python programming and advance your career..

Python set-up

1. Command Line Basics
2. Installing Python
3. Running Python Code

Modules and packages

1. Pip Install and PyPi
2. Modules and Packages
3. `__name__` and `"__main__"`

Python objects and data structures

1. Introduction to Python Data Types
2. Numbers.
3. Numbers: Simple Arithmetic.
4. Variable Assignments.
5. Introduction to Strings .
6. Indexing and Slicing with Strings .
7. String Properties and Methods .
8. Print Formatting with Strings Class Project.
9. Dictionaries in Python
10. Tuples with Python
11. Sets in Python
12. I/O with Basic Files in Python

Errors and exception handling

1. Errors and Exception Handling
2. Errors and Exceptions Homework
3. Errors and Exception Homework - Solutions
4. Pylint Overview
5. Running tests with the Unittest Library
6. Creating Your First Looks
7. Refining Ideas
8. Designing Your Presentation For Your Clients
9. Exporting and Sending Comps to Clients
10. Finalize Your Logo, Part 1: Refining Color and Creating a “Details” Page
11. Finalize Your Logo, Part 2: Artboard Setup for Quick Export and File Management
12. Finalize Your Logo, Part 3: Batch Export Files and Professional Client Delivery

Object oriented programming

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1. Object Oriented Programming - Introduction .
 2. Object Oriented Programming - Attributes and Class Keyword .
 3. Object Oriented Programming - Class Object Attributes and Methods .
 4. Object Oriented Programming - Inheritance and Polymorphism.
 5. Object Oriented Programming - Special (Magic/Dunder) Methods

Python decorators

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1. Decorators with Python Overview
 2. Decorators Homework

Python standard libraries

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1. Python Standard Input/Output
 2. Modules and Packages.
 3. Errors and Exception Handling

Python generators

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1. Generators with Python
 2. Generators Homework Overview
 3. Generators Homework Solutions .

Methods and Functions

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1. Methods and the Python Documentation
 2. Functions in Python
 3. *args and **kwargs in Python
 4. Function Practice Exercises - Overview
 5. Function Practice Exercises - Solutions
 6. Function Exercise Solutions - Challenge Problem
 7. Nested Statements and Scope
 8. Functions and Methods - Homework Assignment
 9. Functions and Methods Homework - Solutions