PYTHON PROGRAMMING
BASIC

MAKING
PROFESSIONALS
GLOBALLY...

COURSE OVERVIEW

Python Programming Basic course covers the basic concepts on how to represent and store data using Python data types and variables and use conditionals and loops to control the flow of programs. Participants will be exposed to essential data structures like lists, dictionaries, and tuples to store collections of related data. Our theoretical and extensive hands-on exercises will help the participants to get familiarise with basic programming techniques of Python.

Entry Requirement	:	**Basic Computer Knowledge**
Course Duration	:	**15 hrs.**
Mode of Training	:	**Face to face Instructor led Training**

python™

COURSE CONTENT

Module 1
Introduction to Python

Language fundamentals
Python Programming features and applications
Naming Conventions & Data types
Reserved Words in Python
Basic arithmetic, logical operators in python
Input & Output operations in Python
Writing a Simple python programming

Module 2
Control Statements

Selection / Conditional Statement: If, elif, else etc
Iterative /Looping Statement: For loop and While loop
Difference between while loop and for loop

Module 3
Arrays

Array declaration
Single dimension arrays
Multidimensional arrays
Character arrays

Module 4
Introduction to Strings List, Tuples, Sets and Dictionary

String : Basic operations and important functions
Mutability and Immutability
List : Basic operations and important functions
Tuples : Basic operations and important functions
Sets: Basic operations and important functions
Dictionary: Basic operations and important functions

Module 5
Introduction to Numpy

Arrays in Numpy
Basic Array Operations

FUNDING AVAILABLE

SkillsFuture Credit

The Singapore Government provides SkillsFuture Credits to all Singaporeans self sponsored (above 25 years) to enhance their knowledge and skills by attending training programs in Singapore.

The Skills Development Fund (SDF)

The Skills Development Fund support is used to support workforce upgrading programmes and to provide training grants to companies when they send their employees to attend training. The SDF is administrated by the SkillsFuture Singapore Agency (SSG).

STUDENT'S TESTIMONIAL

C Programming

Thanks for the trainer. After this course, I got an overall idea of what is C programming and how to coding it. Iclearly understood many concepts in C language.

Deng Ni, Renesas Electronics Pte Ltd

C#.Net Programming

"C#.Net Training from G-TEC gives me the full picture of this programming in short period. Both theory and practical works are well learned though I need more practical practice."

Leica Instruments (S) Pte Ltd, R & D.

Java/Java EE Programming

"The Java/J2ee course material was well presented and very helpful for my work. I really got a great amount out of it. The one to one training was excellent. It met all my expectations. I can even try my hand at getting a SCJP cert now. Thanks to GTEC! ".

**Sylvia Lawrence | IBM
IT Professional**

C++ Programming

What I appreciate the most is the trainer's ability to teach a topic that is so comprehensive. She is open to questions and very patient to assist those who are struggling. Definitely would recommend.

Alicia Kurniawan

Since 2008   **Corporate Clients 1200+**   **Professionals Trained 4500+**

COMPANY PROFILE

What We do:	G-TEC Computer Education Centre is an Information Technology company in the field of Software Training, Technology Resourcing and Knowledge Consulting. We provide Corporate Training, Project Training, and Customized Training, One to One trainings for professionals, individuals and students.
Who are our Customers:	We have special teaching methodologies to train people in different categories ranging from corporate clients to school level students. Over 1.5 million students are certified by G-TEC all over the world. We have the privilege of working with some of the most well-known companies in the world.
Where we are :	G-TEC Computer Education Centre is the largest computer education networks with more than 510 centers all over the world and corporate office in Singapore. We are operating in Mexico, Qatar, India, Dubai, Singapore, Kuwait, Srilanka, Iran, Malaysia, Saudi Arabia, Bahrain and Ghana.
Our Goal and Focus :	Our aim is to make IT education affordable to all sections of society through various projects associating with government's quasigovernment public and private company to reach each corner. Our ultimate goal is to achieve cent percentage computer literacy. We are committed to provide 100% quality training to all; our focus is to provide Quality Education World Wide.

OUR POPULAR COURSES

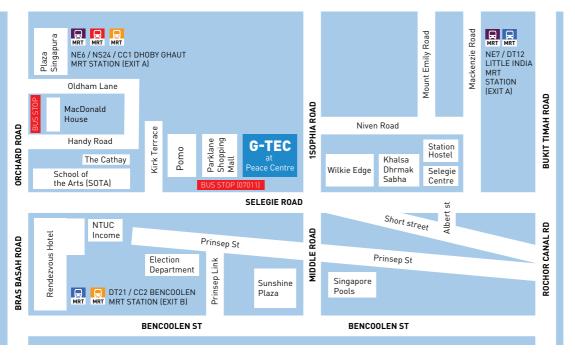| Programming	Office Skills	Multimedia
Java - Java EE	MS Excel	Interior Design
.NET (C# & Asp)	Excel Advanced	Autocad
C++	MS Powerpoint	Web designing
Python	MS Access	Digital Architect

OUR SERVICE OFFERING

▶ Software Training

▶ Onsite Training

▶ Customised Corporate Training

▶ Knowledge Consulting

▶ Online Training

▶ Project Training

OUR LOCATION

Nearest MRT
Dhoby Ghaut-Exit A
Little India-Exit A
Bencoolen-Exit B

Bus Services
64, 65, 131, 139,147, 166, 857

Nearest Bus Stop
Peace Centre: 07011

Map labels: Plaza Singapura, NE6 / NS24 / CC1 DHOBY GHAUT MRT STATION (EXIT A), Oldham Lane, MacDonald House, BUS STOP, Handy Road, The Cathay, School of the Arts (SOTA), ORCHARD ROAD, Kirk Terrace, Pomo, Parklane Shopping Mall, G-TEC at Peace Centre, BUS STOP (07011), SELEGIE ROAD, 1SOPHIA ROAD, Mount Emily Road, Mackenzie Road, NE7 / DT12 LITTLE INDIA MRT STATION (EXIT A), BUKIT TIMAH ROAD, Niven Road, Wilkie Edge, Khalsa Dhrmak Sabha, Station Hostel, Selegie Centre, BRAS BASAH ROAD, NTUC Income, Rendezvous Hotel, Election Department, Prinsep Link, Prinsep St, Sunshine Plaza, MIDDLE ROAD, Short street, Albert st, Prinsep St, Singapore Pools, ROCHOR CANAL RD, DT21 / CC2 BENCOOLEN MRT STATION (EXIT B), BENCOOLEN ST, BENCOOLEN ST

G-TEC COMPUTER EDUCATION CENTRE

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