

***LEARN TODAY AND LEAD TOMMOROW***





**Overview**

Let eMexo Technologies **Best Python Training in Electronic City, Bangalore** take you from the fundamentals of Python to Advance Python Training and make you an expert in developing real time Python applications. Here are the major topics we cover under this Python course Syllabus,Introduction to Python,Beginning Python Basics,Python Program Flow,Functions& Modules,Exceptions Handling,File Handling,Classes In Python,Generators and iterators,Data Structures,Collections,Advanced Concepts – Intro to NumPy and Pandas,Writing GUIs in Python (Tkinter),Python SQL Database Access,Network Programming,Date and Time,Few more topics in-detailed,Regular expression,Threads,Django,Accessing API.Every topic will be covered in mostly practical way with examples.

All the topics will be covered with Practical and hands on training for our **Python Course in Electronic City**. Our trainers have industry experience with live project experience in cutting edge technologies which they teach. We hire only Best Python industry specialists as trainer for our Python Training in Electronic City.

If you are looking for **Python** **Training in Electronic City**eMexo Technologies is the **Best Python Training Institute in Electronic City**. Come over to our training institute for a free demo class. Let our trainer give you a demo on Python and only then you take the decision to enroll into the training program.

**Training Features**

**Expert Instructors**

60 hours of Instructor led Classes. Weekend class:20 sessions of 3 hours each and Weekday class:30 sessions of 2 hours each.

**Real life Case Studies**

Do a real life case study to understand the usage on real world scenarios.

**Assignments**

Each class will be followed by practical assignment switch can be completed before the next class.

##### Unit 1 : An Introduction to Python

##### [What can Python do?](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/what-can-python-do/)

##### [Why Python?](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/why-python/)

##### [Good to know](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/good-to-know/)

##### [Python Syntax compared to other programming languages](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/python-syntax-compared-to-other-programming-languages/)

##### [Python Install](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/python-install/)

##### Unit 2 : Beginning Python Basics

##### [The print statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-print-statement/)

##### [Comments](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/comments-3/)

##### [Python Data Structures & Data Types](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/python-data-structures-data-types/)

##### [String Operations in Python](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/string-operations-in-python/)

##### [Simple Input & Output](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/simple-input-output/)

##### [Simple Output Formatting](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/simple-output-formatting/)

##### [Operators in python](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/operators-in-python/)

##### Unit 3 : Python Program Flow

##### [Indentation](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/indentation/)

##### [The If statement and its’ related statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-if-statement-and-its-related-statement/)

##### [An example with if and it’s related statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/an-example-with-if-and-its-related-statement/)

##### [The while loop](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-while-loop/)

##### [The for loop](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-for-loop/)

##### [The range statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-range-statement/)

##### [Break &Continue](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/break-continue/)

##### [Assert](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/assert/)

##### [Examples for looping](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/examples-for-looping/)

##### Unit 4 : Functions& Modules

##### [Create your own functions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/create-your-own-functions/)

##### [Functions Parameters](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/functions-parameters/)

##### [Variable Arguments](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/variable-arguments/)

##### [Scope of a Function](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/scope-of-a-function/)

##### [Function Documentations](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/function-documentations/)

##### [Lambda Functions& map](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/lambda-functions-map/)

##### [Exercise with functions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/n-exercise-with-functions/)

##### [Create a Module](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/create-a-module/)

##### [Standard Modules](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/standard-modules/)

##### Unit 5 : Exceptions Handling

##### [Errors](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/errors/)

##### [Exception handling with try](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/exception-handling-with-try/)

##### [Handling Multiple Exceptions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/handling-multiple-exceptions-4/)

##### [Writing your own Exception](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/writing-your-own-exception/)

##### Unit 6 : File Handling

##### [File handling Modes](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/file-handling-modes/)

##### [Reading Files](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/reading-files-3/)

##### [Writing& Appending to Files](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/writing-appending-to-files/)

##### [Handling File Exceptions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/handling-file-exceptions/)

##### [The with statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-with-statement/)

##### Unit 7 : Classes In Python

##### [New Style Classes](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/new-style-classes/)

##### [Creating Classes](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/creating-classes-2/)

##### [Instance Methods](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/instance-methods/)

##### [Inheritance](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/inheritance-11/)

##### [Polymorphism](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/polymorphism-9/)

##### [Exception Classes & Custom Exceptions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/exception-classes-custom-exceptions/)

##### Unit 8 : Generators and iterators

##### [Iterators](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/iterators-2/)

##### [Generators](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/generators-3/)

##### [The Functions any and all](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-functions-any-and-all/)

##### [With Statement](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/with-statement/)

##### [Data Compression](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/data-compression/)

##### Unit 9 : Data Structures

##### [List Comprehensions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/list-comprehensions/)

##### [Nested List Comprehensions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/nested-list-comprehensions/)

##### [Dictionary Comprehensions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/dictionary-comprehensions/)

##### [Functions](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/functions-9/)

##### [Default Parameters](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/default-parameters/)

##### [Variable Arguments](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/variable-arguments-2/)

##### [Specialized Sorts](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/specialized-sorts/)

##### Unit 10 : Collections

##### [Namedtuple](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/namedtuple/)

##### [Deque](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/deque/)

##### [ChainMap](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/chainmap/)

##### [Counter](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/counter/)

##### [OrderedDict](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/ordereddict/)

##### [Defaultdict](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/defaultdict/)

##### [UserDict](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/userdict/)

##### [UserList](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/userlist/)

##### [UserString](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/userstring/)

##### Unit 11 : Advanced Concepts - Intro to NumPy and Pandas

##### [NumPy- Arrays](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/numpy-arrays-3/)

##### [Operations on arrays](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/operations-on-arrays-3/)

##### [Indexing slicing and iterating](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/indexing-slicing-and-iterating-3/)

##### [Reading and writing arrays on files](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/reading-and-writing-arrays-on-files-3/)

##### [Pandas – Data structure & index operations](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/pandas-data-structure-index-operations/)

##### [Reading and Writing data from Excel/CSV formats into Pandas](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/reading-and-writing-data-from-excel-csv-formats-into-pandas-3/)

##### Unit 12 : Writing GUIs in Python (Tkinter)

##### [Introduction](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/introduction-60/)

##### [Components and Events](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/components-and-events/)

##### [An Example GUI](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/an-example-gui/)

##### [The root Component](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-root-component/)

##### [Adding a Button](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/adding-a-button/)

##### [Entry Widgets](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/entry-widgets/)

##### [Text Widgets](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/text-widgets/)

##### [Check buttons](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/check-buttons/)

##### Unit 13 : Python SQL Database Access

##### [Introduction](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/introduction-61/)

##### [Installation](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/installation-11/)

##### [DB Connection](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/db-connection/)

##### [Creating DB Table](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/creating-db-table/)

##### [INSERT, READ, UPDATE, DELETE operations](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/insert-read-update-delete-operations/)

##### [COMMIT & ROLLBACK operation](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/commit-rollback-operation/)

##### [Handling Errors](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/handling-errors-3/)

##### Unit 14 : Network Programming

##### [Introduction](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/introduction-62/)

##### [A Daytime Server](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/a-daytime-server/)

##### [Clients and Servers](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/clients-and-servers/)

##### [The Client Program](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-client-program/)

##### [The Server Program](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/the-server-program/)

##### Unit 15 : Date and Time

##### [Sleep](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/sleep/)

##### [Program execution time](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/program-execution-time/)

##### [More methods on date/time](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/more-methods-on-date-time/)

##### Unit 16 : Few more topics in-detailed

##### [Filter](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/filter-3/)

##### [Map](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/map/)

##### [Reduce](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/reduce/)

##### [Decorators](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/decorators-2/)

##### [Frozen set](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/frozen-set/)

##### [Collections](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/collections-5/)

##### Unit 17 : Regular expression

##### [Split](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/split/)

##### [Working with special characters, date, emails](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/working-with-special-characters-date-emails/)

##### [Quantifiers](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/quantifiers-2/)

##### [Match and find all](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/match-and-find-all/)

##### [Character sequence and substitute](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/character-sequence-and-substitute/)

##### [Search method](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/search-method/)

##### Unit 18 : Threads

# [Class and threads](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/class-and-threads/)

* [Multi-threading](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/multi-threading-2/)
* [Synchronization](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/synchronization-5/)
* [Treads Life cycle](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/treads-life-cycle/)
* [Use cases](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/use-cases-4/)

##### Unit 19 : Django

##### [Django overview](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/django-overview-2/)

##### [Creating a project](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/creating-a-project-3/)

##### [Apps life cycle](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/apps-life-cycle-2/)

##### [Admin interface](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/admin-interface-2/)

##### [Creating views](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/creating-views-6/)

##### [URL Mapping](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/url-mapping-2/)

##### [Template system](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/template-system-2/)

##### [Models](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/models-4/)

##### [Form details](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/form-details-2/)

##### [Testing](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/testing-3/)

##### [Page redirection](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/page-redirection-3/)

##### [Sending Emails](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/sending-emails-2/)

##### [Deploying Django framework](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/deploying-django-framework-2/)

##### [Generic views](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/generic-views-2/)

##### [Form processing](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/form-processing-2/)

##### [File uploading](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/file-uploading-2/)

##### [Cookie handling](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/cookie-handling-2/)

##### [Sessions, caching and comments](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/sessions-caching-and-comments/)

##### [RSS,AJAX](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/rssajax-2/)

##### Unit 20 : Accessing API

##### [Introduction](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/introduction-63/)

##### [Facebook Messenger](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/facebook-messenger/)

##### [Openweather](https://www.emexotechnologies.com/courses/other-technology-trainings/python-training/lessons/openweather/)

**FAQs**

**1.**[**How is the training organised? How much percentage is theoretical and how much is practical hands on?**](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse1)

We at eMexo believe nothing beats a hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical hands-on oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer next day.

## 2.[What is the course duration ? How and when do you plan to complete the course ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse2)

We generally cover our courses in 60 hours, however, we are aware that we can’t put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything thatispartofthecurriculum. Thiscould mean 48 hours or 60 hours, doesn’t matter.

## 3.[What is the material provided in the training ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse3)

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions etc.

## 4.[Do you help in preparing for the interview ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse4)

Our trainers are working professionals who work in MNC’s. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions they will also conduct mock interviews to help you prepare for the real interview.

## 5.[Who are your trainers ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse5)

Our trainers are industry experts who work in their respective technologies day in day out. They work in MNC’s and are technology experts within their organisation.

6.[**What is the total batch size per course?**](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse6)

We maintain a strict batch size of maximum 5 students. We also provide exclusive one to one training as well. Talk to our training partner to get more details.

## 7.[Do you provide certification for the course?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse7)

Yes, at the end of training we provide a certification of completion.

## 8.[Will I be joining a new batch or be merged with another batch ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse8)

You will be added to a new batch.

## 9.[Is fast track training available?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse9)

Yes, we provide fast-track training as well for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain same. However, thetrainerwillbespendingmore hours with you to complete the course.

## 10.[Do you assist in job placement ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse10)

Our trainers are expert professionals in their organisations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look in a resume.

## 11.[Timings for trainings - Regular training/weekend training](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse11)

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

## 12.[Will you be working on a live project during training ?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse12)

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project andworkwithyou for the implementation.

## 13.[What happens if I miss a class?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse13)

If you miss a class the content of that class will be taught to you again.With us you might miss a class but not the content.

## 14.[Can I attend a demo before the actual class?](https://www.emexotechnologies.com/courses/other-technology-trainings/devops-training/?tab=tab-overview&amp;amp%3Bac_8914_collapse14)

Yes, absolutely! Talk to our training counsellor on phone at 9513216462 or email us at info@emexotechnologies.com to arrange for a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.