

Resources to Learn C, C++, Python, and MATLAB

Learning C:

Online tutorial websites:

C Tutorial - Tutorialspoints

<https://www.tutorialspoint.com/cprogramming/index.htm>

Learn C – Free Interactive C Tutorial (learn-c.org)

<https://www.learn-c.org/>

Free online courses:

Programming Fundamentals (Duke University)

<https://www.coursera.org/learn/programming-fundamentals>

C for Everyone: Programming Fundamentals (University of California, Santa Cruz)(via Coursera)

<https://www.coursera.org/learn/c-for-everyone>

CS50's Introduction to Computer Science (Harvard University)(via edX)

<https://www.edx.org/course/introduction-computer-science-harvardx-cs50x>

C Programming: Getting Started (Dartmouth College and Institut Mines-Télécom)(via edX)

<https://www.edx.org/course/c-programming-getting-started>

C Programming Tutorial for Beginners (via freeCodeCamp)

<https://www.classcentral.com/course/freecodecamp-c-programming-tutorial-for-beginners-57870>

Algorithms, Data Collection, and Starting to Code (University of Colorado)(via Coursera)

<https://www.coursera.org/learn/algorithms-data-collection-code>

Learning C++

Online tutorial websites:

C++ Tutorial - Tutorialspoints

<https://www.tutorialspoint.com/cplusplus/index.htm>

C++ Programming Tutorial for Beginners: Learn in 2 Hours

<https://www.guru99.com/cpp-tutorial.html>

Free online courses:

C++ for Beginners

https://cobby.tech/courses/cpp_for_beginners

C++ - Beginner to Intermediate

https://cobby.tech/courses/cpp_beginner_to_intermediate

Learn C++

<https://www.codecademy.com/learn/learn-c-plus-plus>

Introduction to C++ (Microsoft)(via edX)

<https://www.edx.org/course/introduction-to-c-3?index=product>

C++ Tutorial for Complete Beginners (via Udemy)

<https://www.udemy.com/course/free-learn-c-tutorial-beginners/>

C++ Advanced Topics (via LinkedIn Learning)

<https://www.linkedin.com/learning/c-plus-plus-advanced-topics>

C++ For Programmers (via Udacity)

<https://www.udacity.com/course/c-for-programmers--ud210>

Learning Python

Online tutorial website:

Google's Python Class

<https://developers.google.com/edu/python>

Free online courses:

Introduction To Python Programming (via Udemy)

<https://www.udemy.com/course/pythonforbeginnersintro/>

Learn Python - Full Course for Beginners

<https://www.youtube.com/watch?v=rfscVS0vtbw>

Learn Python 3 from Scratch (via Educative)

<https://www.educative.io/courses/learn-python-3-from-scratch>

Learn Python 2 (via Codecademy)

<https://www.codecademy.com/learn/learn-python>

Programming for Everybody (Getting Started with Python)(via Coursera)

<https://www.coursera.org/learn/python?specialization=python>

Python for Data Science, AI & Development (by IBM)(via Coursera)

<https://www.coursera.org/learn/python-for-applied-data-science-ai>

Learn Python for Total Beginners (via Udemy)

<https://www.udemy.com/course/python-3-for-total-beginners/>

Try Django 1.11 // Python Web Development (via Udemy)

<https://www.udemy.com/course/try-django-v1-11-python-web-development/>

Learning MATLAB

Online tutorial website:

MATLAB and Simulink Tutorials

<https://www.mathworks.com/support/learn-with-matlab-tutorials.html>

Self-Paced Online Courses

<https://matlabacademy.mathworks.com/>

Free online courses:

Get Started with MATLAB & Simulink: An Intro for Beginners (via Udemy)

<https://www.udemy.com/course/get-started-with-matlab-simulink-an-intro-for-beginners/>

MATLAB Basics for Beginners - Learn from Top Experts (via Udemy)

<https://www.udemy.com/course/matlab-basics-for-beginners-learn-from-top-experts/>