

# Introduction to Python

---

**2 hour Workshop**

**15 May 2018**

**Starts at 10:00**

## **Hosts**

- Marisa Llorens Salvador, Dublin Institute of Technology
- Eileen Mageean, Dublin Institute of Technology

## **Aim**

This workshop presents a comprehensive introduction to programming in Python. Topics include basic programming skills as well as in-depth coverage of the most common python structures and methods.

The module is aimed at technologists, with some experience in the skill of software development, who wish to augment their knowledge of the Python programming environment.

The main aim of this module is to introduce the principles of programming. Case studies and practical examples will be used to illustrate the use of Python features in solving problems.

## **Outline of the workshop**

An outline of the workshop is as follows:

- Introduction to the Python IDEs, Anaconda, Jupyter notebooks, spyder, Pycharm
- Introduction to packages, variables and types
- Conditional clauses
- Lists and slicing
- Loops
- Dictionaries

This Workshop is kindly supported by  
KA107 Erasmus+ Programme Agreement 2016-1-IE02-KA107-000462.