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for R&D through collaborative and
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1. General information about course

▶ **Title of the course**

Object-oriented and Interactive Programming in Python

▶ **Lecturer   Kristine Hambardzumyan**

▶ **Institution   National Polytechnic University of Armenia(NPUA)**

▶ **E-mail   kristina.hambartzumyan@gmail.com**

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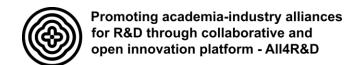Co-funded by the
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2. Description of the course

The course is an introduction to Object-oriented and Interactive Programming, and it covers what Python is, working with Python, the difference between a Compiler and an Interpreter, Python features and what the student can do with Python.

The course introduces the two modes of Python: script and interactive.

It will also help the student to create interactive applications with Python.
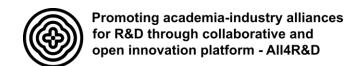
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3. Target group and prerequisites

Target Group/Learners Profile

Prerequisites (required pre-knowledge and experience)

General Public (IT Beginners)

Young Researchers and Teachers

No previous knowledge or experience required

Core Research and Teaching Knowledge, Skills and Competences

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4. Learning outcomes

By the end of the course, the student will:

Get introduced to Python as a popular, easy-to learn, high-level coding language.

Be able to create some applications with the help of Python.

Be equipped with the appropriate skills that will allow him to do System Programming, Internet Scripting, Component Integration with Python, etc.

5. Training and learning methods

INDIVIDUAL LEARNING

INTERACTIVE LECTURES

READING MATERIAL

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