LLL course description form

Type of learning: Blended learning

Workload for the learner: 10 hours teaching+50 hours self-learning = 60 hours (2 ECTS)

Title:	**Object-oriented and Interactive Programming in Python**
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.
Method/s for teaching and learning:	• Individual Learning • Interactive lectures • Reading material
Content/short description:	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.
Structure of the course:	• Introduction to Python • Variables and Standard Data Types • Python Collections • Decision-making Statements and Loops • Working with Functions/Modules and Files • Object-oriented Programming in Python • Interactive Programming in Python
Preparer of the course:	Kristine Hambardzumyan
Method/s of assessment*:	Final Examination
Method for evaluation of course (by students, peer review etc.):	Peer Review Anonymous polling

* Optional, in case if the learner requires certificate for the 2 ECTS issued.