

Course title: Python programming

Institute/Division: Faculty of Computer Science and Telecommunications (Division of Computer Science)

Course code: F3 - Pth

Erasmus subject code: Informatics, Computer Science

Number of contact hours: 45 hours

Course duration: 1 semester

ECTS credits: 6

Course description:

This is elementary course of the Python language and its use in scientific computing. I will cover basic programming constructions and then you will learn how to use scientific libraries to solve common scientific and engineering problems. The libraries include: numpy, scikit, matplotlib, sympy.

Literature:

[1] M. Lutz, 'Learning python' , O'Reilly

Course type: Lectures + Computer laboratory

Assessment method: Group projects

Prerequisites: Basic use of computer.

Primary target group: Engineers who wants to learn Python programming language and its use it effectively in work.

Lecturer: Radosław Kycia

Contact person: Radosław Kycia, rkycia@pk.edu.pl

Deadline for application: 15th of January

Remarks: