Course title	Python programming
Institute/Division	Faculty of Computer Science and Telecommunication/ Department of Computer Science
Course code	F-1.PP
Erasmus subject code	11.3
Number of contact hours**	45h
Course duration	1 semester (Spring)
ECTS credits	6
Course description (max 100 words)	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	M. Lutz, 'Learning python' , O'Reilly
Course type/organization	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.
Contact person	Radosław Kycia
Remarks	

 *please insert one of the following codes:
11.0 Mathematics, Informatics
11.1 Mathematics
11.2 Statistics
11.3 Informatics, Computer Science
11.4 Artificial Intelligence
11.5 Actuarial Science
11.9 Others Mathematics, Informatics

**1 lecture hour=45 minutes
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