

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Introduction to Computer Science		Code 1010604311010631274
Field of study Transport	Profile of study (general academic, practical) general academic	Year /Semester 1 / 1
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: First-cycle studies	Form of study (full-time, part-time) part-time	
No. of hours Lecture: 9 Classes: - Laboratory: - Project/seminars: -		No. of credits 2
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 2 100% 2 100%
Responsible for subject / lecturer: dr inż. Jędrzej Mosiężny email: jedrzej.mosiezny@put.poznan.pl tel. 616652211 Faculty of Transport Engineering ul. Piotrowo 3 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Student has basic knowledge on computer build, operating system and Internet
2	Skills	Student is capable of using basic office work software (text editor, spreadsheet) and use the internet Student can solve specified problems while using the computer
3	Social competencies	Student is capable of working in a group acting different roles Student is capable of prioritizing tasks Student is capable of self-reliant while problem solving, gaining and honing knowledge and skills
Assumptions and objectives of the course: The course is intended to pass information on computer architecture, operating systems, internet. Students gain knowledge on text editing, calculations using spreadsheet and Python scripting language and software environment for engineering applications		
Study outcomes and reference to the educational results for a field of study		
Knowledge: 1. Has elementary knowledge on basics of Computer Science, architecture of computers, binary, decimal and hexadecimal numerical systems, representing numbers and letters, variable types, general programming knowledge and typical engineering applications - [T1A_W04]		
Skills: 1. Can gain information from literature, use the information, interpret, conclude, create and upkeep the opinions - [T1A_U01] 2. Can use modern office software. - [T1A_U02]		
Social competencies: 1. Is ready for enterprise thinking and acting - [T1A_K03]		
Assessment methods of study outcomes		
Written exam at the end of the course		
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Basic bibliography:		
Additional bibliography:		
Result of average student's workload		
Activity	Time (working hours)	
1. Attending lectures	15	
2. Study for exam	2	
Student's workload		
Source of workload	hours	ECTS
Total workload	15	1
Contact hours	15	1
Practical activities	0	0