STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
Introduction to Computer Science		**1010601221010631274**
Field of study **Mechanical Engineering**	Profile of study (general academic, practical) **(brak)**	Year /Semester **1 / 2**
Elective path/specialty **-**	Subject offered in: **Polish**	Course (compulsory, elective) **obligatory**
Cycle of study: **First-cycle studies**	Form of study (full-time,part-time) **full-time**	
No. of hours Lecture: **1** Classes: **-** Laboratory: **-** Project/seminars: **-**		No. of credits **1**
Status of the course in the study program (Basic, major, other) **(brak)**	(university-wide, from another field) **(brak)**	
Education areas and fields of science and art **technical sciences** **Technical sciences**		ECTS distribution (number and %) **1 100%** **1 100%**

Responsible for subject / lecturer:

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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 progremming kowledge and typical engineering applications - [M1_W12]

Skills:

1. Can gain information from literature, use the information, interpret, conclude, create and upkeep the opinions - [M1_U01]
2. Is capable of self-teaching from modern didactical sources - [M1_U27]
3. Can use modern office software. - [M1_U03]

Social competencies:

1. Is ready for enterprise thinking and acting - [M1_K05]

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 lecures		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