# POZNAN UNIVERSITY OF TECHNOLOGY



EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS) pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

# **COURSE DESCRIPTION CARD - SYLLABUS**

Course name		
English		
Course		
Field of study		Year/Semester
Computer Science		1/2
Area of study (specialization)		Profile of study
-		general academic
Level of study		Course offered in
First-cycle studies		English
Form of study		Requirements
full-time		compulsory
Number of hours		
Lecture	Laboratory classes	Other (e.g. online)
0	0	0
Tutorials	Projects/seminars	
30	0	
Number of credit points		
1		
Lecturers		
Responsible for the course/lecturer: Responsible for the cou		sible for the course/lecturer:
Maciej Buczowski, PhD	-	
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Tel. 61 6652853		
Centre of Languages and Comm	unication PUT	

### Prerequisites

Knowledge: Students beginning this module should possess B2 language competence as described by CEFR. They should have mastered the grammar structures as well as general and technical vocabulary covered at first-cycle studies.

Skills: Students should be able to use different sources of information and understand the need to widen their competence. They should be able to work individually and in a team.

Social competence: Students have to be honest, responsible, persevering, creative and respectful of other people, showing good manners and cognitive curiosity.

### **Course objective**

1. Enable the student to achieve language competence B2+ (CEFR) 2



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2. Improve the student's skills in using academic and professional language, specific for Computer Science, in all four linguistic skills.

3. Improve the study of a technical text.

4. Equip all students with the language and skills they need to succeed in an international working environment and everyday life.

## **Course-related learning outcomes**

Knowledge

1. The students possess the vocabulary related to: Internet security and safety online, securing databases and servers, ethics within the computer science field, malicious threats. They are also able to explain the concepts involved with the topics shown above - [-]

2. They know and understand grammatical and lexical rules of English and use them effectively in different types of written and oral communication - [-]

Skills

1. Students use different sources of information in a critical manner - [K\_U1]

2. Students use a variety of communication strategies in English in different environments, the working/professional one included - [K\_U3]

3. Students brainstorm, and create reports or formal conslusions - [K\_U4]

4. Students discuss recent developments in computer science as presented in professional texts from this field at B2 level - [K\_U7]

5. Students posses all the skills of language competence B2 (CEFR) - [K\_U7]

#### Social competences

1. Students are able to work in a team, especially in a multicultural environment - [K\_K3]

2. Students are able to think and act creatively and proactively - [K\_K5]

3. Students are able to communicate effectively in English in a working environment and typical everyday life situations- [-]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows: Interim grades: formal coursework assignments (speaking assignments, presentations) 3

Final grade: credit

### Programme content

Internet security and safety online, securing databases and servers, ethics within the computer science field, malicious threats.



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Formal writing, including raports and analysis and/or mails.

The importance of effective listening in communication.

Critical thinking: assessment of relevant examples, reports and arguments.

## **Teaching methods**

- 1. analysis of topics/problems shown on the board, lexical and grammatical tasks
- 2. discussion, teamwork, multimedia slide show, case study
- 3. student's individual work

### Bibliography

#### Basic

Page, Alison and David Waters. 2016. Complete Computer Science for Cambridge IGCSE & O Level. Oxford: Oxford University Press.

#### Additional

Page, Alison and David Waters. 2016. Complete Computer Science for Cambridge Workbook. Oxford: Oxford University Press.

Hill, David and David Bonamy. 2012. English for Information Technology. Harlow: Pearson.

### Breakdown of average student's workload

	Hours	ECTS
Total workload	40	1,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (literature studies, preparation for	10	0
laboratory classes/tutorials, preparation for tests/exam, project		
preparation) <sup>1</sup>		

<sup>&</sup>lt;sup>1</sup> delete or add other activities as appropriate