English 1 - course description

General information

Course name	English 1
Course ID	09.0-WK-MATD-JA1-L-S14_pNadGen7H6SS
Faculty	Faculty of Mathematics, Computer Science and Econometrics
Field of study	Mathematics
Education profile	academic
Level of studies	Second-cycle studies leading to MS degree
Beginning semester	winter term 2020/2021

Course information

Semester	1
ECTS credits to win	2
Course type	obligatory
Teaching language	polish
Author of syllabus	• mgr Grażyna Czarkowska

Classes forms

The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Laboratory	30	2	-	-	Credit with grade

Aim of the course

The course aims to enable students to improve speaking, reading and writing skills, as well as listening comprehension in English. It will help students to develop their ability to apply language functions to effective communication in everyday life. The course also aims to further develop students' ability to use the language of mathematics in order to discuss mathematical problems and read, with understanding, specialist texts. It also encourages students to master their skills of expressing ideas using complex language structures, e.g. Passive Voice, and grammar tenses to describe past activities. It provides an opportunity to revise the rules and master the skills of giving a presentation in English.

Prerequisites

B1+/B2 of the Common European Framework of Reference for Languages specified by the Council of Europe.

Scope

During the course students will learn to or improve their ability to:

- describe past events using different grammar tenses (4 hours)
- understand and use Passive Voice (4 hours)
- exchange information concerning mathematical problems (2 hours)
- give definitions of integers, natural, rational, irrational, real and complex numbers (2 hours)
- read numbers and mathematical symbols (2 hours)
- use the symbols to read mathematical expressions (2 hours)
- use the language of mathematics in speakig and writing (4 hours)
- better understand specialist texts (4 hours)
- prepare and deliver a presentation on a topic concerning mathematics (2 hours)
- discuss mathematical problems in class, give arguments for and against (2 hours)
- form questions to get information concerning mathematical problems, as well as give answers to such questions (2 hours)

Teaching methods

The course focuses on communication activities in functional and situational context. It encourages students to speak with fluency and develop the four skills of reading, writing, listening and speaking by means of group and pair work, discussion, presentation, oral and written exercises.

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
The students know how to prepare and deliver a presentation on a topic concerning mathematics, know and use in speech the language of mathematics.	• K_W13 • K_U12 • K_U18	• a research paper • a test	• Laboratory
The students can form questions about mathematical problems – number theory; exchange information concerning mathematical problems; understand specialist texts; are able to write and read numbers and mathematical operations.	• K_W13 • K_U12 • K_U18	• a research paper • a test	• Laboratory

Outcome description	Outcome symbols	Methods of verification	The class form
The students understand the need for lifelong education, can cooperate with members of a group, exchange information, and discuss problems.	• K_K01 • K_K02	• a discussion • a research paper	• Laboratory
The students are able to describe and compare past events using different grammar tenses; understand and form Pasive Voice sentences.	• K_W13 • K_U12 • K_U18	• a research paper • a test	• Laboratory

Assignment conditions

Classes – grade: a condition for receiving a credit are positive marks for tests, participating in class discussions, dialogues, delivering a presentation in English, getting information on different topics.

Recommended reading

1. C. Oxenden, V. Latham-Koenig, P. Seligson, New English File Student's Book, Oxford University Press 2007
2. C. Oxenden, V. Latham-Koenig, P. Seligson, New English File Workbook, Oxford University Press 2007
3. J. Pasternak-Winiarska, English in Mathematics, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2006

Further reading

1. FCE Use of English by V. Evans
2. L. Szkutnik, Materiały do czytania – Mathematics, Physics, Chemistry, Wydawnictwa Szkolne i Pedagogiczne
3. Internet articles
4. R. Murphy English Grammar in Use.

Notes

Modified by dr Alina Szelecka (last modification: 18-09-2020 13:46)