

# English 2 - course description

| General information |                                                                           |
|---------------------|---------------------------------------------------------------------------|
| Course name         | English 2                                                                 |
| Course ID           | 09.0-WK-MATD-JA2-L-S14_pNadGenZCVE1                                       |
| Faculty             | <a href="#">Faculty of Mathematics, Computer Science and Econometrics</a> |
| Field of study      | Mathematics                                                               |
| Education profile   | academic                                                                  |
| Level of studies    | Second-cycle studies leading to MS degree                                 |
| Beginning semester  | winter term 2018/2019                                                     |

| Course information  |                                                                        |
|---------------------|------------------------------------------------------------------------|
| Semester            | 2                                                                      |
| ECTS credits to win | 2                                                                      |
| Course type         | obligatory                                                             |
| Teaching language   | polish                                                                 |
| Author of syllabus  | <ul style="list-style-type: none"><li>mgr Grażyna Czarkowska</li></ul> |

| 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                          | -                              | -                          | Exam               |

## 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 present, past and future 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 present, past and future events using different grammar tenses (4 hours)
- understand and use Passive Voice, especially in mathematical texts(4 hours)
- exchange information concerning mathematical problems – plane geometry, set theory (2 hours)
- give definitions of sets (2 hours)
- read mathematical symbols from set theory (2 hours)
- understand vocabulary used to describe angles and geometric figures (2 hours)
- use properly the language of mathematics in speaking 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)
- understand expressions used in mathematical proofs and abstracts (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, listening, oral and written exercises.

## Learning outcomes and methods of theirs verification

| Outcome description                                                                                                                                                                          | Outcome symbols                                                                                                                         | Methods of verification                                                                                                                                        | The class form                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| The students are able to describe and compare past,present and future events using different grammar tenses; understand and form Pasive Voice sentences, especially in mathematical context. | <ul style="list-style-type: none"><li>• <a href="#">K_W13</a></li><li>• <a href="#">K_U12</a></li><li>• <a href="#">K_U18</a></li></ul> | <ul style="list-style-type: none"><li>• a research paper</li><li>• activity during the classes</li><li>• an exam - oral, descriptive, test and other</li></ul> | <ul style="list-style-type: none"><li>• Laboratory</li></ul> |
| The students exchange information concerning discussed mathematical problems; understand specialist texts; know definitions of angles                                                        | <ul style="list-style-type: none"><li>• <a href="#">K_W13</a></li><li>• <a href="#">K_U12</a></li><li>• <a href="#">K_U18</a></li></ul> | <ul style="list-style-type: none"><li>• a research paper</li><li>• activity during the classes</li><li>• an exam - oral, descriptive, test and other</li></ul> | <ul style="list-style-type: none"><li>• Laboratory</li></ul> |

| 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; know rules for writing abstracts; know and understand expressions used in mathematical proofs. | <ul style="list-style-type: none"> <li>• <a href="#">K_W13</a></li> <li>• <a href="#">K_U12</a></li> <li>• <a href="#">K_U18</a></li> </ul> | <ul style="list-style-type: none"> <li>• a research paper</li> <li>• activity during the classes</li> <li>• an exam - oral, descriptive, test and other</li> </ul> | <ul style="list-style-type: none"> <li>• Laboratory</li> </ul> |
| The students understand the need for lifelong education; can cooperate with members of a group, exchange information, and discuss problems                                                                                                        | <ul style="list-style-type: none"> <li>• <a href="#">K_K01</a></li> <li>• <a href="#">K_K02</a></li> </ul>                                  | <ul style="list-style-type: none"> <li>• a discussion</li> <li>• a research paper</li> <li>• activity during the classes</li> </ul>                                | <ul style="list-style-type: none"> <li>• Laboratory</li> </ul> |

## 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

J. Pasternak-Winiarska, English in Mathematics, Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 2006

## Further reading

1. FCE Use of English by V. Evans
2. Internet articles
3. R. Murphy English Grammar in Use.

## Notes

Modified by dr Alina Szelecka (last modification: 29-06-2018 10:55)

Generated automatically from SylabUZ computer system