# POZNAN UNIVERSITY OF TECHNOLOGY

## COURSE DESCRIPTION CARD - SYLLABUS

Course name
English [N1AiR1>JAng4]

## Course

| | |
|---|---|
| Field of study | Year/Semester |
| Automatic Control and Robotics | 2/4 |
| Area of study (specialization) | Profile of study |
| – | general academic |
| Level of study | Course offered in |
| first-cycle | polish |
| Form of study | Requirements |
| part-time | elective |

## Number of hours

| | | |
|---|---|---|
| Lecture | Laboratory classes | Other (e.g. online) |
| 0 | 0 | 0 |
| Tutorials | Projects/seminars | |
| 30 | 0 | |

## Number of credit points

2,00

## Coordinators

mgr Ewa Hołubowicz
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## Lecturers

## Prerequisites

Knowledge: The already acquired language competence compatible with level B1 (CEFR) Skills: The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills Social Competences: The ability to work individually and in a group; the ability to use various sources of information and reference works

## Course objective

1. Advancing student"s language competence towards at least level B2 (CEFR) 2. Developing the ability to use academic and field specific language effectively in both receptive and productive language skills 3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques) 4. Improving the ability to function effectively on an international market and on a daily basis

## Course-related learning outcomes

Knowledge:

As a result of the course, the student ought to acquire field specific vocabulary related to the following issues:
1. Tests and experiments in technology - [-]
2. Discussing relative performance - [-]
3. Recent developments in IT - [-]
4. Recent developments in robotics - [-]
5. and to be able to define and explain associated terms, phenomena and processes - [-]

Skills:
As a result of the course, the student is able to:
1. give a talk on field specific or popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire - [K_U01 K_U05]
2. express basic mathematical formulas and to interpret data presented on graphs / diagrams - [K_U07]
3. formulate a text in English where he/she explains/describes a selected specific topic - [K_U07]

Social competences:
As a result of the course, the student is able to:
1. communicate effectively in a field specific / professional area, and to give a successful presentation in English - [K_K01 K_K04]
2. recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment - [K_K02]

## Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: formal coursework assignments (presentations, tests)
Summative assessment: final exam (written and oral)

## Programme content

1. Computer models and simulations; types of tests in technology
2. Wind turbines, performancxe and suitability
3. Discussing relative performance
4. Recent developments in IT (intelligent materials, cars, robots)
5. General topics: general oral topics required for the oral part of the final examination
6. Elements of grammar
7. Guided writing selected topics

## Teaching methods

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

## Bibliography

Basic
1. Ibbotson, Mark. 2008. Cambridge English for Engineering. Cambridge: Cambridge University Press
Additional
1. Glendinning, Eric. 2009. Oxford English for Information Technology. Oxford: Oxford University Press

## Breakdown of average student's workload

|  | Hours | ECTS |
|---|---|---|
| Total workload | 50 | 2,00 |
| Classes requiring direct contact with the teacher | 30 | 1,00 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 20 | 1,00 |