COURSE DESCRIPTION CARD - SYLLABUS

Course name
English [N1AiR2>JAng1]

Course

Field of study
Automatic Control and Robotics

Year/Semester
1/2

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
part-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
30

Projects/seminars
0

Number of credit points

2,00

Coordinators

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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. Computers in the world - [-]
2. Technology in use - [-]
3. Materials technology - [-]
4. Jointing and fixing techniques - [-]
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: credit

Programme content

1. Mathematical terms
2. Description of graphical / visual aids
3. General topics: computerization, computer and its uses
4. Technical topics: GPS, materials technology, Kevlar, jointing and fixing techniques

Course topics

1. Mathematical terms
2. Description of graphical / visual aids / line graphs
3. General topics: computerization, computer and its uses, computer and the modern world, digital divide
4. Technical topics: describing technical functions and applications (GPS), technical advantage, describing specific materials, environmental audit, specifying and describing properties (Kevlar), discussing quality issues, describing component shapes and features, explaining fixing techniques (mechanical and non-mechanical joints)

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