STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
English		**1010331231010910029**

Field of study	Profile of study (general academic, practical)	Year /Semester
Automatic Control and Robotics	**(brak)**	**2 / 3**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
First-cycle studies	**full-time**

No. of hours				No. of credits
Lecture: **0**	Classes: **30**	Laboratory: **-**	Project/seminars: **-**	**4**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

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

Assumptions and objectives of the course:

Course objectives:

1. Advancing students? language competence towards at least level B2 (CEFR).
2. Development of 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.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. As a result of the course, the student ought to acquire field specific vocabulary related to the following issues:Robots and manipulators - [-]
2. Robotics - [K_W02]
3. Performing tests - [K_W02]
4. Writing a guided ESP composition - [K_U04]
5. and to be able to define and explain associated terms, phenomena and processes. - [-]

Skills:

1. The student is able to: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]
2. express basic mathematical formulas and to interpret data presented on graphs/diagrams - [K_W01]
3. formulate a text in English where he/she explains/describes a selected field specific topic - [K_U04]

Social competencies:

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

Assessment methods of study outcomes
Formative assessment: quizzes, writing assignments, MT test Summative assessment: final exam, oral and written

Course description
1. Robots and manipulators
2. Robotics
3. Testing, theory and practice
4. Wind turbines
5. Guided writing
6. Technical text

Basic bibliography:

1. ?Cambridge English for Engineering? , M. Ibbotson, Cambridge University Press, 2008

Additional bibliography:

1. ?Professional English in Use. ICT?,S. Remarcha, E. Marco Cambridge University Press, 2007
2. www.howstuffworkscom - robots
3. Online course: http://fomalhaut.clc.put.poznan.pl/moodle25/

Result of average student's workload

Activity	Time (working hours)
1. preparation for classes	10
2. preparation for tests	10
3. preparation for the exam	10

Student's workload

Source of workload	hours	ECTS
Total workload	60	4
Contact hours	30	2
Practical activities	30	2