STUDY MODULE DESCRIPTION FORM

Name of the module/subject **English**		Code **1010334151010910029**

Field of study **Control Engineering and Robotics**	Profile of study (general academic, practical) **(brak)**	Year /Semester **3 / 5**

Elective path/specialty **-**	Subject offered in: **Polish**	Course (compulsory, elective) **obligatory**

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

No. of hours				No. of credits **4**
Lecture: **0**	Classes: **41**	Laboratory: **-**	Project/seminars: **-**	

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

Education areas and fields of science and art **technical sciences**	ECTS distribution (number and %**)** **4 100%**

Responsible for subject / lecturer:

Anna Górska
email: anna.gorska@put.poznan.pl
tel. 061 665 24 91
Centrum Języków i Komunikacji
ul. Piotrowo 3a, 60-965 Poznań

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
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:

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: - [-]

2. Talking about measurements - [T2A_W01]

3. Sensors, robots and their functions - [T2A_W04]

4. Recent developments in the field of control systems, robotics and IT - [T2A_W02]

5. Talking about own job, duties, skills and tools - [T2A_W06]

6. and to be able to define and explain associated terms, phenomena and processes. - [-]

Skills:

1. As a result of the course, the student is able to: - [-]

2. 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   - [T2A_U13]

3. express basic mathematical formulas and to interpret data presented on graphs/diagrams - [T2A_U02]

4. conduct business correspondence in English - [T2A_U01]

5. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment - [-]

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. - [T2A_K06]

2. The student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment - [T2A_K07]

Assessment methods of study outcomes

?	Formative assessment: tests, quizes, assignments
?	Summative assessment: final examination (oral and written)

Course description

Sensors, Future trends, Positioning ? talking about measurements,

Robots - function, Technological changes ? recent developments in IT,

Talking about own responsibilities and tasks at work.

Additional technical reading (changes each semester)

Basic bibliography:

1. Bonamy, David. Technical English 2, Longman Pearson, 2008

2. Esteras, Santiago Remacha and Fabre, Elena Marco. Professional English in Use. ICT, Cambridge University Press, 2007

3. Glendinning, Eric h. and McEwan John, Oxford English for Electronics, Oxford University Press, 1994

4. Glendinning Eric H. and Glendinning Norman, Oxford English for Electrical and Mechanical Engineering

Additional bibliography:

1. Jacques, Christopher. Technical English 2. Workbook, Longman Pearson 2008

2. Gójska, Gabriela, Technical English Grammar, Wydawnictwo Politechniki Gdańskiej 2004

3. Glendinning Eric H. And McEwan John, Oxford English for Information Technology, Oxford University Press

4. www.howstuffworks.com

Result of average student's workload

Activity	Time (working hours)
1. Class participation	41
2. preparing for quizes and tests	20
3. doing homework	21

Student's workload

Source of workload	hours	ECTS
Total workload	82	4
Contact hours	41	2
Practical activities	41	2