		STUDY MODULE D	ESCRIPTION FORM		
	f the module/subject ish as a Foreign	Code 1010531121010910064			
Field of	•	. I Dahada	Profile of study (general academic, practical)		
Auto	matic Control a	na Robotics	general academic	1/2	
Elective path/specialty			Subject offered in: Polish	Course (compulsory, elective) elective	
Cycle of	f study:		Form of study (full-time,part-time)	·	
First-cycle studies			full-time		
No. of h	ours		1	No. of credits	
Lectur	e: - Classes	s: 30 Laboratory: -	Project/seminars:	- 1	
Status c	0.0000	program (Basic, major, other)	(university-wide, from another t	rield)	
	•	basic	unive	ersity-wide	
Education	on areas and fields of sci	ECTS distribution (number and %)			
techr	nical sciences			1 100%	
Resp	onsible for subj	ect / lecturer:			
Ewa	a Hołubowicz				
	ail: ewa.holubowicz@p	out.poznan.pl			
	616652491	.			
	tre of Languages and rowo 3A, Poznan	Communication			
	,	s of knowledge, skills an	d 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			

Assumptions and objectives of the course:

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

and reference works.

- 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

The ability to work individually and in a group; the ability to use various sources of information

Knowledge:

- 1. As a result of the course, the student ought to acquire field specific vocabulary related to the following issues: Industrial design [-]
- 2. Testing products [-]
- 3. Engineering design [-]

Social

competencies

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- 4. Technical problems [-]
- 5. and to be able to define and explain associated terms, phenomena and processes. [-]

Skills:

- 1. 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 KU_o5]
- 2. express basic mathematical formulas and to interpret data presented on graphs/diagrams [KU_04]
- 3. formulate a text in English where he/she explains/describes a selected specific topic [KU_07]

Social competencies:

Faculty of Computing

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

Assessment methods of study outcomes

- ? Formative assessment: formal coursework assignments (presentations, tests, MT test)
- ? Summative assessment: credit

Course description

- 1. Industrial design; its trends and features
- 2. Trends in industrial design
- 3. Testing products in your own firm
- 4. Procedures and documentation in an engineering design
- 5. Description and interpretation of technical problems/faults
- 6. General topic: creative thinking

Basic bibliography:

1. Ibbotson, Mark. 2008. Cambridge English for Engineering. Cambridge: Cambridge University Press.

Additional bibliography:

1. Williams, Ivor. 2007. English for Science and Engineering. Boston: Thomson.

Result of average student's workload

Activity	Time (working hours)
1. participation in classes	30
2. preparation for tests	5
3. preparation for classes	5

Student's workload

Source of workload	hours	ECTS		
Total workload	40	1		
Contact hours	30	0		
Practical activities	10	0		