STUDY MODULE DESCRIPTION FORM

Name of the module/subject **English**		Code **1010804171010910037**

Field of study **Electronics and Telecommunications**	Profile of study (general academic, practical) **general academic**	Year /Semester **4 / 7**

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 Lecture: **-** Classes: **20** Laboratory: **-** Project/seminars: **-**	No. of credits **4**

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

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

Responsible for subject / lecturer:

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Prerequisites in terms of knowledge, skills and social competencies:

1	**Knowledge**	According to the national curriculum (http://bip.men.gov.pl/menbip/akty_prawne/rozporzadzenie_20081223_zal_4.pdf), it is assumed that 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:

-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. Cellular system - the structure and operation, mobile phone - construction, types of cables - [[K1_W14], [K1_W21]]

2. Computers, combinational logic - how it works - [[K1_W09]]

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

Skills:

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 - [[K1_U04], [K1_U01]]

2. express basic mathematical formulas and to interpret data presented on graphs/diagrams? - [[K1_U01]]

3. conduct business correspondence in English - [? [K1_U01]]

4. describe briefly in writing a short technical process or a particular appliance - [[K1_U03]]

Social competencies:

Faculty of Electronics and Telecommunications

1. As a result of the course, the student is able to communicate effectively in a field specific/professional area, express opinions on the development of electronics and telecommunications and to give a successful presentation in English. - [[K1_K04]]

2. The student is able to recognize and understand dilemmas related to work within the scope of electronics and telecommunications, understands cultural differences in a professional and private conversation, and in a different cultural environment. - [[K1_K05]]

Assessment methods of study outcomes

-? Formative assessment: on-going assessment (presentations, tests)

? Summative assessment: credit

Course description

-Describing the types of telecommunication cables. Exercising language functions to help the student to describe the advantages and disadvantages of complex electronic systems, principles of computer structure and the role of combinational logic and the principles of operation of digital telephony. Students carry out a program based on selected chapters from the primary and secondary literature and based on the sources of information from the Internet. They also take lexical and grammatical exercises.

Basic bibliography:

1. E. Glendinning && John McEwan, Oxford English for Electronics CM and D. Johnson, General Engineering, Prentice Hall Keith Harding && Liz Taylor International Express intermediate New Edition Anna Dubis && Justyna Figranek, English through Electrical and Energy Engineering R. Maksymowicz, Język angielski dla elektroników i informatyków M. Weber&& Ł. Brzosko, English for Engineers

Additional bibliography:

1. Liz Taylor International Express pre-intermediate New Edition Liz Taylor International Express intermediate E. Glendinning, Oxford English for Information Technology Bodo Hanf, Angielski w technice, LektorKlett

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Result of average student's workload

Activity	Time (working hours)
1. 1. Participation in classes	20
2. 2. Preparation for classes	10
3. 3. Preparation for tests	5
4. 4. Presentation/Project preparation	5

Student's workload

Source of workload	hours	ECTS
Total workload	100	4
Contact hours	30	2
Practical activities	90	3