STUDY MODULE DESCRIPTION FORM

Name of the module/subject		Code
English		**1010804161010910037**
Field of study	Profile of study (general academic, practical)	Year /Semester
Electronics and Telecommunications	**general academic**	**3 / 6**
Elective path/specialty	Subject offered in:	Course (compulsory, elective)
-	**Polish**	**obligatory**
Cycle of study:	Form of study (full-time,part-time)	
First-cycle studies	**part-time**	
No. of hours		No. of credits
Lecture: **-** Classes: **20** Laboratory: **-** Project/seminars: **-**		**1**
Status of the course in the study program (Basic, major, other)	(university-wide, from another field)	
basic	**university-wide**	
Education areas and fields of science and art		ECTS distribution (number and %)
technical sciences **Technical sciences**		**1 100%** **1 100%**

Responsible for subject / lecturer:

Aleksander Kubot
email: aleksander.kubot@put.poznan.pl
tel. 61-6652491
Centrum Języków i Komunikacji PP
ul. Piotrowo 3a, 60-965 Poznań

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:

-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. Analog and digital signals - differences, sampling, digitization, digital circuitry - the pros and cons - [[K1_W17]]

2. Operation and structure of alarm systems - [[K1_W08]]

3. Radio waves and the operation of the radio - [[K1_W07]]

4. 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:

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 - [[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

-Learning vocabulary which enables describing the operation of simple electronic devices such as the radio. Practicing linguistic functions enabling description of analogue and digital signals (differences, sampling, digitization, digital circuitry). Analysis of more advanced texts on telecommunications, types of waves, their propagation methods.

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

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. Presentation/Project preparation	5

Student's workload

Source of workload	hours	ECTS
Total workload	30	1
Contact hours	22	1
Practical activities	28	1