Poznan University of Technology
Faculty of Electrical Engineering

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STUDY MODULE DESCRIPTION FORM

Name of the module/subject **English**	Code **1010334441010910029**

Field of study **Information Engineering**	Profile of study (general academic, practical) **general academic**	Year /Semester **2 / 4**

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

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

No. of hours Lecture: **0** Classes: **30** Laboratory: **-** Project/seminars: **-**	No. of credits **3**

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

Education areas and fields of science and art **technical sciences**	ECTS distribution (number and %**)** **3 100%**

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.
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 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 student ought to acquire field specific vocabulary related to the following issues: 1. jobs in ICT - [-]

2. communication systems, ICT, GPS - [K_W15]

3. computer networks, wired, wireless, LAN, WAN - [K_W07]

4. recent developments, future trends in the field of computer science - [K_W06]

5. 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 presentation in English on field specific or popular science topic - [K_U03, K_U01]

3. 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]

4. conduct business correspondence in English - [K_U06]

5. give a talk related to his/her own profession, discussing responsibilities, duties and skills necessary to be successful in it - [K_U01]

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_K02]

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: based on continuous progress assessment (presentations, tests, oral utterances)

Summative assessment: final exam (both written and oral)

Course description

1. Specific/technical vocabulary:

- characteristics of different professions in the field of ICT, qualifications, responsibilities, duties

- communication systems, ICT, GPS and its applications

- computer networks, wired, wireless, LAN, WAN

- recent developments in the field of computer science and ICT: artificial intelligence, nanotechnology, biometrics and biometric devices, intelligent homes

Students learn from their main two course books as well as from additional sources provided by the teacher.

2. Broadening the knowledge and expanding vocabulary by reading field specific texts.

3. Describing one's profession, duties and responsibilities at work.

Basic bibliography:

1. Santiago Remacha Esteras " Infotech, English for computer users", 4th edition, Cambridge University Press, 2008.

2. Santiago Remacha Esteras, Elena Marco Fabre "Professional English in Use for Computers and the Internet", Cambridge University Press, 2007.

Additional bibliography:

1. K.Harding, Liz Taylor "International Express", Oxford University Press, 2005.

2. Eric H.Glendinning , John McEwan "Oxford English for Information Technology",2nd edition, OUP 2006.

3. and the Internet sources e.g. www.sciencedaily.com, www.howstuffworks.com, www.newscientist.com

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Result of average student's workload

Activity	Time (working hours)
1. preparing for tests, revisions for the exam	20
2. preparing and giving a presentation on field specific or popular science topic	10

Student's workload

Source of workload	hours	ECTS
Total workload	60	3
Contact hours	30	2
Practical activities	30	1