



MODULE SPECIFICATION

Module code	
Module title in Polish	Język angielski 3
Module title in English	English Language 3
Module running from the academic year	2016/2017

A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

Field of study	Surveying and Cartography
Level of qualification	first cycle (first cycle, second cycle)
Programme type	academic (academic/practical)
Mode of study	full-time (full-time/part-time)
Specialism	all
Organisational unit responsible for module delivery	Foreign Language Section of the Faculty of Environmental, Geomatic and Energy Engineering
Module co-ordinator	Dorota Plizga, MA
Approved by:	

B. MODULE OVERVIEW

Module type	core module (core/programme-specific/elective HES*)
Module status	compulsory module (compulsory/optional)
Language of module delivery	English/Polish
Semester in the programme of study in which the module is taught	semester 4
Semester in the academic year in which the module is taught	summer semester (winter semester/summer semester)
Pre-requisites	knowledge of the material taught in semesters 2-3 and credits obtained for modules English Language 1 and 2 (module code/module title, where appropriate)
Examination required	no (Yes/No)
ECTS credits	2

* elective HES – elective modules in the Humanities and Economic and Social Sciences

Mode of instruction	lectures	classes	laboratories	project	others
Total hours per semester			30		



C. LEARNING OUTCOMES AND ASSESSMENT METHODS

Module aims	Building up and developing language skills at the intermediate and upper levels useful in academic, scientific and professional environment. Acquiring vocabulary in the field of engineering as well as surveying and cartography. Developing skills of collecting and conveying information using technical and specialist terminology. Preparing and giving presentations. Understanding authentic and graded technical texts to a various extent. Shaping the habit of using available sources of knowledge in the English language.
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Module outcome code	Module learning outcomes	Mode of instruction (l/c/lab/p/ others)	Corresponding programme outcome code	Corresponding discipline-specific outcome code
W_01	The student has knowledge of the morphology and syntax of the English language as well as the general technical and specialist vocabulary, which facilitates formulating simple concepts concerning the projects in progress as well as presenting theoretical issues related to surveying and cartography	L	GiK_W01	T1A_W01
U_01	The student knows how to search for the information related to surveying and cartography in reference books and other English sources, can evaluate the acquired information and use it in practice	L	GiK_U01	T1A_U01
U_02	The student has the ability to study independently, knows how to revise the acquired material and can prepare for laboratory classes, tests and exams. The student develops their language skills steadily, focusing on the vocabulary related to technical sciences, surveying and cartography and the like	L	GiK_U03	T1A_U01 T1A_U05
U_03	The student can work with a technical text and is capable of preparing and presenting in English selected engineering issues related to surveying and cartography	L	GiK_U04	T1A_U01 T1A_U06
U_04	The student is able to communicate in English, both in speech and writing, on technical and specialist issues in a professional environment and others	L	GiK_U05	T1A_U02
U_05	The student can prepare and give a thematic presentation in English on surveying and cartography issues and other related subjects	L	GiK_U08	T1A_U04 T1A_U06
K_01K_02	The student understands the necessity to continue their education and is aware of the need to develop their language skills	L	GiK_K01 GiK_K02	T1A_K01
K_03	The student is able to work independently as well as collaborate in a team over language projects and tasks	L	GiK_K07	T1A_K03

Module content:

1. Topics to be covered in the lectures
2. Topics to be covered in the classes
3. Topics to be covered in the laboratories

No.	Topics	Module outcome code
1.	Business correspondence - selected examples. Selected specialist texts.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03



2.	Description of a device 1 - methods of ensure security in air transport. Expressing the past 2.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
3.	Description of a device 2 - identification technologies. Zero conditional 2. Time clauses 2.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
4.	Description of a device 3 – oil rigs and drilling devices.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
5.	Selected specialist texts.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
6.	GPS. Basic mathematical operations. Indirect questions.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
7.	Mid-semester test (Test 1). Selected specialist texts.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
8.	Geothermal energy and geothermal power plants. Diagrams – interpretation.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
9.	Heat pumps. Physical changes of the state of the matter – phase transitions.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
10.	Clean coal technologies. Word formation; nouns – verbs 2. Selected specialist texts.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
11.	Plans, assumptions and deadlines - the language of meetings and discussions. Expressing the future. Modal verbs in the future tense. The Future Perfect Tense.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
12.	Selected specialist texts.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/



		K_03
13.	Extreme engineering projects 1 - plans and stages of work. Expressing the past 3.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
14.	Extreme engineering projects 2 - expressing purpose and method. Purpose clauses.	W_01 U_01/U_02/ U_03/U_04 K_01/K_02/ K_03
15.	End-of-semester test (Test 2).	W_01 U_01/U_02/ U_03/U_04

4. **Note:** English is taught at level B1/B2, in compliance with the Regulation of the Ministry of Science and Higher Education dated 2 November 2011 on the National Qualifications Framework for Higher Education. In order to obtain the optimum learning outcomes, the lecturer adjusts the scope and the sequence of the materials introduced within the whole module to the language level of the group.

Assessment methods

Module outcome code	Assessment methods <i>(Method of assessment; for module skills – reference to specific project, laboratory and similar tasks)</i>
W_01 U_01/U_02/U_03	Mid-semester test. End-of-semester test.
W_01 U_01/U_03/U_04	Oral assignments.
K_03	Individual work. Group work.

D. STUDENT LEARNING ACTIVITIES

ECTS summary		
	Type of learning activity	Study time/ credits
1	Contact hours: participation in lectures	
2	Contact hours: participation in classes	
3	Contact hours: participation in laboratories	30
4	Contact hours: attendance at office hours (2-3 appointments per semester)	2
5	Contact hours: participation in project-based classes	
6	Contact hours: meetings with a project module leader	
7	Contact hours: attendance at an examination	
8		
9	Number of contact hours	32 <i>(total)</i>
10	Number of ECTS credits for contact hours <i>(1 ECTS credit = 25-30 hours of study time)</i>	1.28
11	Private study hours: background reading for lectures	
12	Private study hours: preparation for classes	



13	Private study hours: preparation for tests	4
14	Private study hours: preparation for laboratories	14
15	Private study hours: writing reports	
16	Private study hours: preparation for a final test in laboratories	
17	Private study hours: preparation of a project/a design specification	
18	Private study hours: preparation for an examination	
19		
20	Number of private study hours	18 <i>(total)</i>
21	Number of ECTS credits for private study hours <i>(1 ECTS credit = 25-30 hours of study time)</i>	0.72
22	Total study time	50
23	Total ECTS credits for the module <i>(1 ECTS credit = 25-30 hours of study time)</i>	2
24	Number of practice-based hours <i>Total practice-based hours</i>	
25	Number of ECTS credits for practice-based hours <i>(1 ECTS credit = 25-30 hours of study time)</i>	

E. READING LIST

References	<ol style="list-style-type: none">1. Technical English 2,3,4, (course books, workbooks), Bonamy David, Pearson Longman, 2008 – 20112. Cambridge English for Engineering, Ibbotson Mark, Cambridge, 20083. Technical English. Vocabulary & Grammar, Brieger Nick, Pohl Alison, Summertown Publishing, 20064. Geo-English, Język angielski dla studentów Geodezji i Inżynierii Środowiska, Czerw Agata, Durlik Barbara, Hryniewicz Monika, Wydawnictwa AGH Kraków 20095. Macmillan English Dictionary for Advanced Learners, 20026. Słownik Naukowo-Techniczny Angielsko-Polski/Polsko-Angielski, Wydawnictwa Naukowo-Techniczne, 19977. Materials acquired from the Internet, the press as well as reference books in English
Module website	



Politechnika Świętokrzyska

WYDZIAŁ INŻYNIERII ŚRODOWISKA, GEOMATYKI I ENERGETYKI