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| Module code | |
| Module title in Polish | Język angielski 4 |
| Module title in English | English Language 4 |
| Module running from the academic year | 2015/2016 |

A. MODULE IN THE CONTEXT OF THE PROGRAMME OF STUDY

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| Field of study | Environmental Engineering |
| 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

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| 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 5 |
| Semester in the academic year in which the module is taught | winter semester (winter semester/summer semester) |
| Pre-requisites | knowledge of the material taught in semesters 2-4 and credits obtained for modules English Language 1, 2 and 3 (module code/module title, where appropriate) |
| Examination required | yes (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 | | |



Politechnika Świętokrzyska

WYDZIAŁ INŻYNIERII ŚRODOWISKA, GEOMATYKI I ENERGETYKI



C. LEARNING OUTCOMES AND ASSESSMENT METHODS

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| 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 general engineering as well as environmental engineering. 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 environmental engineering. | L | IS_W01 | T1A_W01 T1A_W02 |
| U_01 | The student knows how to search for the information related to environmental engineering in professional reference books, databases and other English sources, can evaluate the acquired information, interpret, integrate and use it in practice. | L | IS_U02 | T1A_U01 T1A_U05 T1A_U07 |
| 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, environmental engineering and the like. | L | IS_U07 | T1A_U05 |
| U_03 | The student can work with a technical text and is capable of preparing and presenting in English selected technical issues related to environmental engineering. | L | IS_U05 | T1A_U03 T1A_U04 |
| 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 | IS_U06 | T1A_U01 T1A_U02 T1A_U03 T1A_U04 T1A_U05 T1A_U06 |
| U_05 | The student is able to work independently as well as collaborate in a team and can develop a work schedule for the ongoing task. | L | IS_U03 | T1A_U02 T1A_U08 |
| K_01 | The student understands the necessity to continue their education and is aware of the need to develop their language skills and competence. | L | IS_K03 | T1A_K01 T1A_K02 T1A_K04 |
| K_02 | The student is able to work independently as well as collaborate in a team over language projects and tasks. | L | IS_K01 | T1A_K03 |

Module content:

- Topics to be covered in the lectures
- Topics to be covered in the classes
- Topics to be covered in the laboratories

| No. | Topics | Module outcome code |
|-----|--|---------------------|
| 1. | Presentation – plan, formal requirements and typical phrases – revision. | W_01 U_01/U_02/ |



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| | | U_03/U_04/U_05 K_01/K_02 |
| 2. | Final examination – explanation of the format. Mock examination. Selected specialist texts. | W_01 U_01/U_02/ U_03/U_04 |
| 3. | Format of written tasks (verb patterns and sentence structures used in descriptions of devices and manufacturing processes) – revision. | W_01 U_01/U_02/ U_03/U_04 K_01/K_02 |
| 4. | Presentations prepared by students. Properties of materials 1. Modal verbs expressing possibility. Selected specialist texts. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 5. | Presentations prepared by students. Properties of materials 2. Various grammar structures used to describe properties. The Gerund. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 6. | Presentations prepared by students. Final test 1 – description of a device/process. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 7. | Presentations prepared by students. Destructive testing of materials. Description of a simple experiment. Infinitive structures. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 8. | Presentations prepared by students. Selected specialist texts. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 9. | Presentations prepared by students. Civil engineering disasters 1 – types of forces, types of damage. Modal verbs with past reference 1. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 10. | Presentations prepared by students. Civil engineering disasters 2 – investigation. Modal verbs with past reference 2. Third conditional. Mixed conditional 3-2. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 11. | Presentations prepared by students. Final test 2 – specialist vocabulary test (lexical material related to the field of study). | W_01 U_01/U_02/ U_03/U_04/U_05 |
| 12. | Presentations prepared by students. Airport security procedures. Indirect speech and the sequence of tenses. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 13. | Presentations prepared by students. Occupational Health and Safety 1 – PPE (personal protective equipment); safety signs. Modal verbs used to express necessity and prohibition. Active and passive voice. | W_01 U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
| 14. | Presentations prepared by students. Occupational Health and Safety 2 – warehouses (threats and safety rules); selected life-saving procedures (evacuation and first aid). | W_01 U_01/U_02/ U_03/U_04 K_01/K_02 |
| 15. | Presentations prepared by students. | W_01 |



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| Selected specialist texts. | U_01/U_02/ U_03/U_04/U_05 K_01/K_02 |
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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> |
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| W_01 U_01/U_02/U_03 | Final tests. |
| W_01 U_01/U_03/ U_04/U_05 | Presentation (oral assignment). |
| W_01 U_01/U_02/U_03 | Written examination. |

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 | 30h |
| 4 | Contact hours: attendance at office hours (2-3 appointments per semester) | 2h |
| 5 | Contact hours: participation in project-based classes | |
| 6 | Contact hours: meetings with a project module leader | |
| 7 | Contact hours: attendance at an examination | 2h |
| 8 | | |
| 9 | Number of contact hours | 34h <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 | 2h |
| 14 | Private study hours: preparation for laboratories | 7h |
| 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 | 7h |
| 19 | Private study hours: preparation for a presentation | 2h |
| 20 | Number of private study hours | 18h <i>(total)</i> |



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| 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 | 52h |
| 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

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|----------------|--|
| 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 | |