

Course description

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| Course abbreviation: | UJP/AEL6 | Page: | 1 / 5 |
| Course name: | English for Electrical Engineering 6 | | |
| Academic Year: | 2023/2024 | Printed: | 03.06.2024 08:15 |

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| Department/Unit / | UJP / AEL6 | | | Academic Year | 2023/2024 |
| Title | English for Electrical Engineering 6 | | | Type of completion | Exam |
| Accredited/Credits | Yes, 3 Cred. | | | Type of completion | Oral |
| Number of hours | Tutorial 2 [Hours/Week] | | | | |
| Occ/max | Status A | Status B | Status C | Course credit prior to | YES |
| Summer semester | 0 / - | 0 / - | 0 / - | Counted into average | YES |
| Winter semester | 0 / - | 0 / - | 0 / - | Min. (B+C) students | 10 |
| Timetable | Yes | | | Repeated registration | NO |
| Language of instruction | English | | | Semester taught | Winter, Summer |
| Optional course | Yes | | | Internship duration | 0 |
| Evaluation scale | 1 2 3 4 | | | Ev. sc. – cred. | S N |
| No. of hours of on-premise | | | | | |
| Auto acc. of credit | Yes in the case of a previous evaluation 4 nebo nic. | | | | |
| Periodicity | K | | | | |
| Substituted course | CJP/AEL6 | | | | |
| Preclusive courses | N/A | | | | |
| Prerequisite courses | N/A | | | | |
| Informally recommended courses | N/A | | | | |
| Courses depending on this Course | N/A | | | | |

Course objectives:

The course is intended for upper-intermediate students of English. The aim of the course is to equip the students with the English language competencies they will need to communicate independently and effectively in technically-oriented working environments at the B2+ level according to the vocationally-oriented Common European Framework for Languages.

Requirements on student

Credit requirements:

- The minimum passing score on the final test is 75%.
- During classes, students must actively demonstrate their knowledge and skills.
- Student's portfolio consists of the homework assigned: (1) an expository essay on a technical phenomenon or problem related to electrical engineering; (2) giving definitions of technical terms.
- Students must complete all additional tasks set by the course teacher.

Oral examination:

- The course ends with an oral examination in the form of a ten-minute presentation followed by a five-minute discussion. The topic of the presentation must be related to a student's field of study.

Content

1. Giving Presentations 1
2. Giving Presentations 2
3. Giving Presentations 3
4. UNITS 7.1 Prototypes; 7.2 Comparisons
5. UNITS 7.3 Products; 8.1 Theft
6. UNITS 8.2 Security; 8.3 Emergency; HW (self-study): Review UNIT D
7. Midterm test; UNIT 9.1 Proposals
8. UNITS 9.2 Definitions; 9.3 Contracts;

9. UNITS 10.1 Plans; 10.2 Reports;
10. UNITS 10.3 Methods; 11.1 Investigations; HW (self-study): Review UNIT E
11. UNITS 11.2 Reports; 12.1 Projects;
12. UNITS 12.2 Performance; 12.3 Innovations; HW (self-study): Review UNIT F
13. Final test

Fields of study

Guarantors and lecturers

- **Guarantors:** Mgr. Jitka Hamarová (100%)
- **Tutorial lecturer:** Mgr. Jana Čepičková (100%), Mgr. Jitka Hamarová (100%), Mgr. Jadviga Polívková, DiS. (100%), Mgr. Jitka Ramadanová, Ph.D. (100%)

Literature

- **Basic:** Bonamy, David. *Technical English 4 : course book*. 2018. ISBN 978-1-4082-2955-2.
- **Recommended:** Murphy, Raymond. *English grammar in use : with answers : a self-study reference and practice book for intermediate students of English*. 3rd ed. Cambridge : Cambridge University Press, 2004. ISBN 0-521-53289-2.
- **Recommended:** Jacques, C. *Technical English 4 Workbook with Key*. UK: Pearson Longman, 2013.

Time requirements

All forms of study

| Activities | Time requirements for activity [h] |
|---|------------------------------------|
| Contact hours | 26 |
| Presentation preparation (report in a foreign language) (10-15) | 10 |
| Preparation for comprehensive test (10-40) | 10 |
| Graduate study programme term essay (40-50) | 40 |
| Total: | 86 |

assessment methods

Knowledge - knowledge achieved by taking this course are verified by the following means:

- Test
- Oral exam

Skills - skills achieved by taking this course are verified by the following means:

- Oral exam
- Test
- Skills demonstration during practicum
- Portfolio

Competences - competence achieved by taking this course are verified by the following means:

- Oral exam
- Skills demonstration during practicum
- Portfolio

prerequisite

Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:

- to form passives of modals (e.g., should be done; have to be made)
- to form and use the Past Simple tense
- to write a sentence including a relative clause
- to form and use the gerund
- to form and use the present and past participles
- to form and use the past passive
- to form and use first conditional clauses
- to make wh-questions
- to identify the individual parts of an abstract
- to form and use the Future Simple Tense
- to form and use the Present Perfect Simple tense
- to form and use the Present Progressive/Continuous tense
- to form and use the Present Simple tense

Skills - students are expected to possess the following skills before the course commences to finish it successfully:

- to describe events that are currently in progress
- to compare and contrast properties of objects in simple terms
- to explain the aims of some activity and reasons why something is done
- to give suggestions, safety precautions and warnings
- to describe a sequence of events
- to describe a function of a device
- to list components a machine consists of
- to give instructions on the use of a machine
- to express cause and effect in simple terms
- to describe completed past events
- to discuss work safety
- to talk about new technologies and recent developments in electrical engineering

Competences - students are expected to possess the following competences before the course commences to finish it successfully:

N/A

Master's study programme: Students communicate their specialist knowledge, skills and general competencies in at least one foreign language.

teaching methods**Knowledge - the following training methods are used to achieve the required knowledge:**

Practicum
 Collaborative instruction
 Cooperative instruction
 Self-study of literature
 Discussion

Skills - the following training methods are used to achieve the required skills:

Practicum
 Multimedia supported teaching
 Cooperative instruction
 Collaborative instruction
 Individual study
 Discussion

Competences - the following training methods are used to achieve the required competences:

Practicum
 Multimedia supported teaching
 Collaborative instruction
 Cooperative instruction
 Individual study
 Discussion

learning outcomes**Knowledge - knowledge resulting from the course:**

- to form and use the Present Perfect passive modals: may/might/could/must/should/ought (not) to have been done
- to distinguish between direct and indirect questions
- to form and use noun phrases containing hyphenated word combinations
- to distinguish between the defining and non-defining relative clauses
- to form more complex noun phrases using pre-/post- modifiers
- to form and the third conditional
- to form and use the past tense of modals
- to analyze a structure of a spoken presentation

Skills - skills resulting from the course:

- to compare and contrast properties of objects using a variety of phrases
- to explain technical principles to lay persons
- to use analogies and rephrasing to provide additional explanations
- to talk about security and safety in a workplace
- to speculate about possibilities, impossibilities and probabilities in the past
- to express regret
- to give incident reports
- to express degrees of agreement and disagreement
- to make proposals, give suggestions and recommendations
- to define a technical term
- to describe a test method
- to participate in a pre-contract discussion
- to give test reports
- to process data
- to write an accident report
- to write an abstract
- to identify a problem and suggest a solution
- to express necessity in the past
- to evaluate their progress in English
- to use complex phrasal verbs
- to rephrase a conditional clause
- to predict future trends in electrical engineering
- to give a ten-minute presentation on the topic related to a student's field of study; to answer follow-up questions

Competences - competences resulting from the course:

N/A

Master's study programme: Graduates communicate their specialist knowledge, skills and general competencies in at least one foreign language.

Course is included in study programmes:

| Study Programme | Type of | Form of | Branch | Stage | St. plan v. | Year | Block | Status | R.year | R. |
|--|---------------------|-----------|------------------------------------|-------|-------------|------|------------------|--------|--------|----|
| Applied electrical engineering | Bachelor | Full-time | Applied electrical engineering | 1 | 16 | 2023 | blok Cizi jazyk | B | 2 | LS |
| Applied Electrical Engineering | Postgraduate Master | Combined | Applied Electrical Engineering | 1 | 16 | 2023 | blok Cizi jazyky | B | 2 | LS |
| Electrical Engineering and Informatics | Bachelor | Full-time | Commercial Electrical Engineering | 1 | 16 | 2023 | blok Cizi jazyk | B | 2 | LS |
| Electrical Engineering and Informatics | Bachelor | Full-time | Electrical and Power Engineering | 1 | 16 | 2023 | blok Cizi jazyk | B | 2 | LS |
| Electrical Engineering and Informatics | Bachelor | Full-time | Electronics and Telecommunications | 1 | 16 | 2023 | blok Cizi jazyk | B | 3 | ZS |