



**Practical Course in Professional Foreign Language.
Part 2 (English)
Curriculum (Syllabus)**

| Course details | |
|--|--|
| Level of higher education | <i>First (bachelor's)</i> |
| Field of knowledge | 17 Electronics, Automation, and Electronic Communications |
| Specialty | 172 Electronic Communications and Radio Engineering |
| Educational program | Information and communication radio engineering; Radio engineering computerized systems; Intelligent technologies of radio electronics, Radio-electronic warfare technologies |
| Discipline status | Mandatory |
| Form of study | Full-time (day) |
| Year of training, semester | 4th year (7th, 8th semester) |
| Scope of the discipline | 3 credits (ECTS). Total scope of the discipline 90 hours: practical classes – 56 hours, independent work – 34 hours. |
| Semester control/control measures | Module control work (7th semester), exam (8th semester) |
| Class schedule | 1 class per week according to the schedule http://rozklad.kpi.ua/ |
| Language of instruction | English |
| Information about the course coordinator/teachers | Department teachers: KAMGS No. 3 - https://kamgs3.kpi.ua/ Coordinator: Lecturer Iryna Vitaliivna Boiko Contact phone number: 0991691038 Email: iboykoboyko@gmail.com |
| Course location | The course is hosted on the Sikorsky platform: and on the department website https://kamgs3.kpi.ua/ |

Curriculum

1. Description of the academic discipline, its purpose, subject matter, and learning outcomes

The discipline "Practical Course in Foreign Language for Professional Purposes" belongs to the cycle of humanities and socio-economic training. Its distinctive feature is its professionally-oriented nature and interdisciplinary connections, which are reflected in the educational goals and content of the course.

The aim of the course is to develop foreign language communication skills at a level not lower than B2, which is the standard for bachelor's degree programs. At this level, students are able to communicate effectively in typical educational and professional situations in accordance with the norms and cultural traditions of specialists in a particular field.

This discipline is important for future specialists to study as it provides them with the necessary level of knowledge, skills, and abilities in foreign language professional communication and ensures the effective use of English terminology during international cooperation, taking into account the peculiarities of communication within the needs of the relevant profession. The discipline covers the basic needs of document management, business correspondence, and production negotiations in a foreign language.

While studying the discipline, students acquire **general competencies**:

- Ability to apply knowledge in practical situations
- Ability to work in a team
- Ability to learn and master modern knowledge

The acquired competencies form **the following program learning outcomes** in students:

- Communicate on professional issues, including oral and written communication in the state language and one of the common European languages (English, German, Italian, French, Spanish).

2. Prerequisites and post-requisites of the discipline (place in the structural-logical scheme of training under the relevant educational program)

Prerequisites: "Practical Foreign Language Course."

The post-requisites of the discipline "Practical Course in Foreign Language for Professional Purposes," part 2 of the educational component, are to achieve a B2 level of foreign language proficiency, which indicates the student's readiness to take the EIT and continue their studies in the master's program.

3. Content of the discipline

Thematic plan of the educational component 7 Semester

| |
|---|
| Topic 1. Applying for a job. Introduction to the course. Practical task: diagnostic testing. |
| Topic 2. Academic mobility programs. |
| Topic 3. Innovations. |
| Topic 4. Lasers. |
| Topic 5. Design. |
| Topic 6. Systems. |
| Topic 7. Procedures. |
| Topic 8. Instructions. |
| Topic 9. Processes. |
| Topic 10. Planning. |

8 Semester

| |
|---------------------------------------|
| Topic 11. People and society. |
| Topic 12. Health and Fitness. |
| Topic 13. Education and Learning. |
| Topic 14. Environment and Technology. |

4. Teaching materials and resources

Basic literature:

1. Bonamy, D. (2022). *Technical English 2nd Edition Level 3 Student Book*. Pearson.
2. Bonamy, D. (2013). Technical English 4. Workbook. Longman.
4. Mann, M., Taylor-Knowles, S. (2013) Destination B2. Macmillan.
5. Savchuk, T.L., Yarosh T.M. (2008). Professional English. Teaching materials for fourth-year students. NTUU "KPI".

Supplementary literature:

1. Petrechko, M. (2019). Focus on Exams B2. Pearson.
2. Lambert, V. & Murray E. (2003). Everyday Technical English. Longman.
3. Powell, M. (2007). Presenting in English. How to give successful presentations. Thomson.
4. Henderson, H. (2008). Encyclopedia of Computer Science and Technology. Facts on File.
5. Farr, M. (2007). The Quick Resume & Cover Letter Book: Write and Use an Effective Resume in Only One Day. Jist Works.
6. Mc Gee, P. (2006). How to Write a Great CV: Discover What Interviewers Are Looking For, Focus on Your Strengths And Perfect Your Presentation. How To Books.
7. Pile, L. (2004). E-mailing. Business Communication Skills. Delta Publishing.

Online resources:

<https://learnenglish.britishcouncil.org/en/english-emails>
<https://esol.britishcouncil.org>
<https://learnenglishteens.britishcouncil.org/>
<https://www.bbc.co.uk/learningenglish/>

Educational content

5. Methodology for mastering the academic discipline (educational component)

The general methodological approach to teaching the academic discipline "Practical Course in Foreign Language for Professional Purposes" is defined as communicative-cognitive, activity-oriented, with the student as the subject of learning at its center. The methodology of teaching a foreign language combines the basic principles of communicative methodology aimed at developing foreign language communication skills, in which communication is both the ultimate goal of language learning and the means of achieving it. The work in practical classes is aimed at acquiring knowledge, developing and improving skills and abilities to communicate in a foreign language environment, effectively processing foreign language sources of information, selecting the necessary information, developing critical analysis skills and abilities, and developing foreign language written communication skills and abilities.

| No | Topic | Class hours |
|---------------------|---|-------------|
| 7th semester | | |
| 1 | Topic 1. Applying for a job. Practical task: taking an entrance test. | 2 |
| 2 | Topic 1. Applying for a job: Self-presentation techniques at the job interview. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 3 | Topic 2. Academic mobility programs: Preparing a Motivation Letter. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 4 | Topic 3. Innovations. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 5 | Topic 4. Lasers. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 6 | Topic 5. Design. Practical task: performing exercises related to the topic of the lesson. | 2 |
| 7 | Review of the material studied. Current testing. | 2 |
| 8 | Topic 5. Design: Specifications and properties. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 9 | Topic 6. Systems. Practical task: completing exercises related to the topic of the lesson. | 2 |

| | | |
|---------------------|--|-----------|
| 10 | Topic 6. Systems: System controls. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 11 | Topic 7. Procedures. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 12 | Topic 8. Instructions. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 13 | Topic 9. Processes. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 14 | Topic 9. Processes: steps and stages. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 15 | Topic 10. Planning. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 16 | Presentations on professional topics. Discussion and mutual evaluation of presentations. Review. Preparation for the module test. | 2 |
| 17 | Modular test | 2 |
| 18 | Summing up the semester. Review of the material studied. | 2 |
| 8th semester | | |
| 19 | Introductory class. Entrance testing. | 2 |
| 20 | Topic 11. People and Society. Practical task: performing exercises related to the topic of the lesson. | 2 |
| 21 | Topic 11. People and Society: Law and Crimes. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 2 | Topic 12. Health and Fitness. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 2 | Topic 12. Health and Fitness: Food and Drink. Practical task: performing exercises related to the topic of the lesson. | 2 |
| 24 | Topic 13. Education and Learning. Practical task: completing exercises related to the topic of the lesson. | 2 |
| 25 | Topic 14. Environment and Technology. Practical task: performing exercises related to the topic of the lesson. | 2 |
| 26 | Review. Exam prep. | 2 |
| 27 | Final test. Summing up | 2 |
| | TOTAL | 54 |

6. Independent work

Independent work is the main means of assimilating educational material outside of class time and includes: preparation for practical classes, studying additional material, preparation for modular tests and exams, and completion of individual assignments. Individual assignments are one of the forms of independent learning, which aims to deepen, generalize, and consolidate the knowledge, skills, and abilities that students acquire in the process of formal learning. Typical individual assignments may include: completing tasks on the Sikorsky platform, competitive creative works, interactive posters and presentations, virtual trips, writing essays, completing exercises of varying degrees of difficulty on an individual basis, etc.

Distribution of hours between classroom and independent work

| Names of content modules | Number of hours | | |
|-----------------------------|-----------------|-----------|-----------|
| | Total | Including | |
| | | Practical | SRC |
| 7 semester | | | |
| Practical classes | 41 | 34 | 7 |
| Modular test | 4 | 2 | 2 |
| Total (7th semester) | 45 | 36 | 9 |
| 8th semester | | | |
| Practical classes | 18 | 18 | - |
| Exam preparation | 27 | - | 27 |
| Total (8 semesters) | 45 | 18 | 27 |
| TOTAL | 90 | 54 | 36 |

Policy and control

7. Policy of the academic discipline (educational component)

The educational component "Practical Course in Professional Foreign Language. Part 2" is exclusively practical in nature, therefore, for successful learning, it is necessary to study the materials for preparation for practical classes on the topics, work with basic and additional literature.

All necessary teaching materials are posted by the instructor in the online environment Sikorsky, which is accessible to students studying this educational component.

Students receive up-to-date information on the organization of the educational process for the discipline through messages on the Electronic Campus or through the official channel of the department in the Telegram messenger. During blended or distance learning, practical classes are held in the format of video conferences on the Zoom/Google Meet/Microsoft Teams/Blue Button/Discord platform.

Assessment is carried out according to an agreed rating system. Expected learning outcomes, control measures, and deadlines are announced to students at the first class.

Bonus points may be awarded for participation in scientific and practical conferences, competitions, and in the case of recognition of learning outcomes acquired through non-formal and/or informal education.

Bonus points for participation in events of various levels may constitute no more than 10% of the total rating, i.e., no more than 10 points per year.

| Type of event/Level | International | All-Ukrainian | University |
|--|---------------|---------------|------------|
| Scientific conference with a presentation in a foreign language | 5 | 4 | 2.5-0.5 |
| Creative works competition with presentation in a foreign language | 5 | 4 | 2.5-0.5 |
| Foreign language competition | 5 | 4 | 2.5-0.5 |

Academic integrity

Students must adhere to the Code of Honor of Igor Sikorsky Kyiv Polytechnic Institute, the principles of academic integrity, and the norms of ethical behavior: to demonstrate discipline, politeness, friendliness, honesty, and responsibility.

The policy and principles of academic integrity are defined in Section 3 of the Code of Honor of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute." For more details, see: <https://kpi.ua/code>

Standards of ethical conduct

The standards of ethical conduct for students and employees are defined in Section 2 of the Code of Honor of the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute." For more details, please visit: <https://kpi.ua/code>

8. Types of control and rating system for assessing learning outcomes (RSO)

Ongoing assessment. The instructor regularly enters the results of ongoing assessment into the "Ongoing Assessment" module of the Electronic Campus in accordance with the Regulations on ongoing, calendar, and semester assessment at Igor Sikorsky Kyiv Polytechnic Institute. For more details, see: https://document.kpi.ua/2020_7-137. Students can view the results of current assessment in their personal account on the Electronic Campus.

During the first class, students are introduced to the rating system of assessment (RSA) for the discipline, which is based on the Regulations on the system of assessment of learning outcomes https://document.kpi.ua/files/2020_1-273.pdf

In particular, a student's rating for a discipline consists of points that can be earned for answers in practical classes during two semesters and for completing the MCR in the seventh semester and the final test in the eighth semester. During the first class of the seventh semester, an entrance test is conducted, the points for which are not included in the student rating.

According to the Regulations on current, calendar, and semester control of learning outcomes at Igor Sikorsky KPI (<https://osvita.kpi.ua/node/32>) and the Regulations for conducting semester control in a remote mode (<https://osvita.kpi.ua/node/368>) calendar control - attestation - is conducted in weeks 7-8 and 14-15 of each semester of study and is implemented by determining the level of compliance of the student's current performance rating with the criteria specified in the RSO.

| No | Type of event | % | Weight | Number | Total points |
|---|---|----|--------|--------|--------------|
| 1) Starting rating (7th and 8th semesters) | | | | | |
| 1. | Work in practical classes (7th semester – 14 classes, 8th semester – 8 classes) | 55 | 2.5 | 22 | 55 |
| 2 | Presentation on a professional topic. Discussion and mutual evaluation of presentations. (5th semester) | 5 | 5 | 1 | 5 |
| 3. | Modular test (7th semester) | 10 | 1 | 10 | 10 |
| 4 | Final test (8th semester) | 10 | 1 | 10 | 10 |
| 5 | Independent work on the Sikorsky platform (8th semester) | 20 | 2.5 | 20 | 20 |
| Total starting rating (7.8 semester) | | | | | 10 |
| Total starting rating (reduction coefficient – 0.5) | | | | | 50 |
| 2) Examination rating | | 50 | - | 100 | 100 |
| Total exam rating (reduction coefficient – 0.5) | | | | | 50 |
| Total: starting rating (7th and 8th semesters) and exam rating | | | | | 100 |

Criteria for assessing mastery of the educational component

The maximum weight score for work in a practical class is 2.5 points.

| Assessment | Weight | Assessment criteria |
|----------------|--------|---|
| Excellent | 2.5 | excellent work in practical classes, complete and correct completion of educational tasks taking into account the material studied on the topic of the class (95%-100% of the volume of tasks and number of correct answers); minor errors present |
| Very good | 2 | active work during the practical class, complete and correct performance of educational tasks taking into account the material studied on the topic of the class, not less than (85%-94% of the volume of tasks); minor errors present |
| Good | 1.5 | work in practical classes, partial completion of educational tasks taking into account the material studied on the topic of the class (75%-84% of the volume tasks and number correct answers); errors or answers with minor inaccuracies |
| Satisfactory | 1 | Satisfactory work in practical classes, partial completion of educational tasks taking into account the material studied on the topic of the class (65%-74% of the volume of tasks and the number of correct answers); errors or answers with inaccuracies; if the applicant is not prepared for the practical class but is actively working on using the practical class material, the work will be assessed according to this criterion |
| Sufficient | 0.5 | work in practical classes, completion of educational tasks taking into account the material studied on the topic of the class (60-64% of the volume of tasks and the number of correct answers); gross errors or answers with inaccuracies; if the applicant is not prepared for the practical class but is actively working on using the material from the practical class, the work will be assessed according to this criterion |
| Unsatisfactory | 0 | the applicant is not prepared for the practical class; does not work during the practical class |

The assessment of preparation and presentation performance is based on the following criteria:

1. Content and structure (1 point):

- Relevance to the topic: adherence to the main topic and task of the presentation.
- Structure of the text and presentation: presence of an introduction, main part, conclusion, and references to sources used, as well as whether their functions have been fulfilled.
- Logical organization: presence of a clear and consistent logical distribution of ideas and arguments in the presentation.
- Reasonableness of arguments: assessment of the presence of arguments, examples, and evidence that support the ideas of the presentation.

2. Language competence (1 point):

- Grammatical correctness: assessment of the presence of grammatical errors in the text.
- Lexical choice: assessment use of and expressions general and professional use.
- Text integrity and coherence: assessment of the appropriateness of the chosen writing style, use of different types of sentences, connections between sentences and paragraphs.

3. Public speaking skills (2 points):

- Verbal competence: assessment of grammatical correctness, lexical choice, integrity, and coherence of the speech; assessment of pronunciation, intonation, logical pauses, and speech tempo.
- Posture and gestures: the applicant's use of appropriate posture, gestures, and facial expressions during the speech.
- Ability to use presentation tools: assessment of the quality of slides, their content, graphic design, and the relationship between text and graphics, as well as the applicant's ability to present information on slides.

4. Answers to questions (1 point):

- Speech competence: assessment of grammatical correctness, lexical choice, integrity, and coherence of the answer; assessment of pronunciation, intonation, logical pauses, and speech tempo.
- Depth and clarity of answers: assessment of the applicant's ability to answer questions with sufficient depth and understanding of the topic, to express thoughts clearly and concisely.

Calendar control (CC) of students is carried out according to the current rating. The condition for satisfactory certification is that the student's current rating is not less than 50% of the maximum possible at the time of calendar control.

| CC term | | Maximum current rating | Minimum current rating (50%) |
|--------------|-----------------------|------------------------|------------------------------|
| 7th semester | 8th week (first CC) | 17.5 | 8.75 |
| | 14th week (second CC) | 32 | 16.25 |

A modular control test (MCT) is conducted to check students' mastery of the module material in the penultimate class of the fall semester, and **a final test (FT)** is conducted in the last class of the spring semester. The purpose of the MCT and FT is to check the level of language skills in listening, reading, grammar, writing, and speaking.

The modular control work/final test consists of the following tasks:

- 1) Listening comprehension (5 questions). Maximum number of points – 10, each question – 2 points.
- 2) Reading comprehension (10 questions). Maximum number of points – 20, Each question is worth 2 points.
- 3) Use of language to test the student's lexical skills (10 questions). Maximum number of points – 10, each question – 1 point.
- 4) Use of language to test the student's grammar skills (20 sentences). Maximum number of points – 20, each question – 1 point.
- 5) A writing task designed to test the ability to write a coherent and logically complete text in a foreign language. Maximum number of points – 10.
- 6) Speaking: conversation on suggested topics. Monologue: maximum number of points – 10. Dialogue: maximum number of points – 20.

To simplify the calculation, we introduce a coefficient of 0.1. Thus, the maximum number of points for MCR/PT: $100 \text{ points} \times 0.1 = 10 \text{ points}$.

Retaking the module test is not allowed.

Semester control Semester control is conducted in the form of an exam. In the penultimate class of the spring semester, the final calculation of the RD rating is made for students, and incentive points are added.

The student's rating for the discipline is formed as the sum of the points for current academic performance – the starting rating (maximum 50 points) and the exam rating (maximum 50 points). During the last class of the 8th semester, points are added for completed test assignments on the Sikorsky platform (SPS), incentive points are added for creative work, and the final calculation of the starting rating is made.

Exam structure

The exam is conducted to test students' mastery of the course material at the end of the eighth semester. The exam covers all types of speech activity and consists of two parts: a written assignment and an oral response. In particular, students' listening, reading, language use, writing, and speaking skills are tested.

Authentic texts from periodicals and online publications, information and reference booklets, and advertising brochures are used to create exam test questions. Texts for introductory reading may contain up to 5% of unfamiliar words, and for study and selective reading – up to 3%, the meaning of which can be guessed from the context based on word-forming elements and consonance with the native language (internationalisms).

The written test lasts 60 minutes and consists of:

- 1) Listening comprehension of a professionally-oriented text (5 questions). Maximum number of points – 10, each question – 2 points.
- 2) Reading comprehension of a professionally-oriented text (texts up to 2,500 printed characters, 3 tasks with 5 questions each). Maximum number of points – 30, each question – 2 points:
Task 1. Matching: select titles for the texts from the options provided
Task 2. Choosing the correct answer to a question about the text: choose one correct answer from the four options provided
Task 3. Fill in the gaps in the text: complete the paragraphs in the text with sentences/parts of sentences, phrases/words from the options provided
- 3) Language use: tasks to test students' lexical and grammatical skills (2 tasks with 5 questions each). Maximum number of points – 20, each question – 2 points.
- 4) A writing task designed to test writing skills and the ability to write a coherent and logically complete text in a foreign language. Maximum score – 10.

The oral task consists of an individual interview after completion in the form of a conversation with the examiner on the proposed topics. The maximum number of points is 30, of which 15 points are for monologue speech and 15 points are for dialogue speech.

Points in the exam are distributed on a 100-point scale. To calculate the exam result, the result on a 100-point scale is multiplied by a coefficient of 0.5 and added to the starting rating.

Table of correspondence between rating points and university scale grades:

| Number of points | Grade |
|------------------|----------------|
| 100-95 | Excellent |
| 94 | Very good |
| 84 | Good |
| 74-65 | Satisfactory |
| 64-60 | Sufficient |
| Less than 60 | Unsatisfactory |

9. Additional information on the discipline

Recognition of learning outcomes obtained in non-formal/informal education, in particular an international certificate in a foreign language at level B2 and above (a list of recommended international tests for knowledge of German as a foreign language is given in Appendix 1 to Order No. 13 of the Ministry of Education and Science of Ukraine dated 14.01.2016, see <http://old.mon.gov.ua/files/normative/2016-03-04/5162/nmo-13.pdf>), is regulated by the relevant current "Regulations on the recognition of learning outcomes acquired in non-formal/informal education at Igor Sikorsky Kyiv Polytechnic Institute" (<https://osvita.kpi.ua/node/179>).

To validate learning outcomes, a subject committee is created by order of the dean of the faculty, which includes: the head of the department; a scientific and pedagogical worker responsible for the educational

component proposed for enrollment; a scientific and pedagogical worker of the department of the technical faculty/institute, as a rule, the curator of the applicant's academic group or his/her scientific supervisor. The subject committee reviews the submitted documents, analyzes their compliance with the syllabus (work program of the academic discipline/educational component), interviews the applicant (if necessary), and makes one of the following decisions:

1. to recognize the results obtained during informal education and count them as a semester assessment for the relevant academic discipline/educational component;
2. recognize the results obtained during informal education and count them according to the rating system as a current assessment for the relevant academic discipline/educational component, with a maximum of 15 points per academic year;
3. not to recognize the results obtained during non-formal/informal education;
4. set a date for an extraordinary assessment, in accordance with the curriculum for the academic discipline/educational component, which may be credited.

Inclusive education. The educational component may be taught to most students with special educational needs who are unable to perform tasks using personal computers, laptops, and/or other technical means. For more information on ensuring the inclusiveness of education at Igor Sikorsky KPI, please visit <https://osvita.kpi.ua/node/172>.

Work program for the academic discipline (syllabus): Compiled by

N.V. Chizhova, lecturer at the Department of AMGS No. 3.

Approved by the Department of AMGS No. 3 (Minutes No. 12 of June 12, 2025)

Approved by the Methodological Commission of the Faculty of Linguistics (Minutes No. 11 of June 19

June 2025)

Approved by the Methodological Commission of the RTF (Minutes No. 06/2025 of June 26, 2025)