

# FOREIGN LANGUAGE (ENGLISH)

## COURSE SYLLABUS

Code and name of specialty	123 - Telecommunication and Radio Engineering	Institute	Institute of Education and Science in Engineering and Physics
Program name	Telecommunication and Radio Engineering	Department	Radio Electronics
Type of program	Educational and Professional	Language of instruction	English / Ukrainian

### LECTURER

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PhD in Philology, Associate Professor of Cross-Cultural Communication and Foreign Languages Department (NTU “KhPI”) Author of over 30 scientific works. Courses: "Foreign Language"; "Professional Foreign language"; "Foreign language for communication in a scientific and professional environment"

### GENERAL DESCRIPTION OF THE COURSE

Summary	The course is professionally oriented and communicative in nature. Considerable attention is paid to the formation of lexical competence of higher education students through the development of relevant professionally oriented lexical material and grammatical competence through the study of basic grammatical structures necessary for practical proficiency in a foreign language in various types of speech activities. The course also contributes to the formation of the necessary knowledge to obtain the latest professional information through foreign sources.
Course objectives	The purpose of training is to master a foreign language as a means of intercultural, interpersonal and professional communication in various fields of scientific and practical activity, to form the necessary general and professionally oriented communication competencies, to develop the skills to use a foreign language effectively and adaptively in various types of speech activities, to create a strategy for independent learning of a foreign language.
Types of classes and control	Practical lessons. The course ends with a final exam. (8 <sup>th</sup> term)
Term	1-8

Student workload (credits) / Type of course	16/ Mandatory	Lectures (hours)	Practical lessons (hours)	236	Self-study (hours)	244
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Program competences	GC 5. Ability to communicate in a foreign language. GC 6. Interpersonal skills.
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GC 8. Ability to work in a team.

Learning outcomes	Teaching and learning methods	Forms of assessment (continuous assessment CAS, final assessment FAS)
<p>PRN 23. Communicate orally and in writing on professional issues in Ukrainian and one of the foreign languages (English, German, Italian, French, Spanish).</p> <p>PRN 24. Use information technologies and other methods for effective communication at the professional and social levels.</p>	<p>Grammar-translation method combined with communicative and interactive methods, as well as mini-lectures, business and role-playing games; project method, case method or situational exercise method; individual, pair, group and team work for interviews, think-pair-share, brainstorming, inside/outside circles, jigsaw reading</p>	<p>Control work on the topics of the modules (CAS), oral test/exam, as well as by testing (FAS)</p>

### ASSESSMENT AND GRADING

Range s of points corres pondi ng to grades	Score (points) for all types of learning activities	ECTS grading scale	The national grading scale	Allocation of grade points	The points are distributed across the different activities in the following proportions: <b>20%</b> in the form of an <b>examination</b> or <b>test</b> , which are conducted orally and by means of tests, and <b>80% of the current assessment</b> , which includes: - <b>20%</b> tests (2 module tests / semester); - <b>30%</b> practical tasks - <b>30%</b> individual tasks (independent work and defense of project works)
	90-100	A	excellent		
	82-89	B	good		
	74-81	C	satisfactory		
	64-73	D			
	60-63	E	Unsatisfactory (with the exam retake option)		
	35-59	FX			
	0-34	F	Unsatisfactory (with mandatory repetition of the course)		

**Course policy** Students are expected to attend classes regularly, to get to class on time and stay for the duration of the class. In the case of absence, students will be required to submit all assignments to make up for the missed classes. Students are also expected to come to class having read all the required material and being ready to productively participate in the class discussions. Written assignments should be submitted before the specified deadlines.

### COURSE STRUCTURE

<b>Practical lesson 1</b>	Topic 1. Familiarization with the content of the course. Introduction of vocabulary (computer terminology). Structure of a simple sentence (narrative)
<b>Practical lesson 2-3</b>	Topic 2. Life in the digital age. Use of computers in everyday life. Narrative sentence, its structure.
<b>Practical lesson 4-5</b>	Topic 3. Possibilities of computers. Types of subjects and predicates in a simple sentence.
<b>Practical lesson 6-7</b>	Topic 4. Classification of computers. Description of diagrams. Attachment, definition and circumstance in a simple sentence.
<b>Practical lesson 8</b>	Module testing.
<b>Practical lesson 9-10</b>	Topic 5. Advantages and disadvantages of laptops and tablets. Vocabulary for the designation of software and hardware. Interrogative sentences and features of their formation.
<b>Practical lesson 11-12</b>	Topic 6 Technical characteristics of the computer, its internal structure. Discussing the qualities of an ideal computer, imperative sentences and forming the imperative. 1, 2

<b>Practical lesson 13</b>	Topic 7. Information input/output devices. Interaction with the computer from the outside. Past Simple Active
<b>Practical lesson 14</b>	Topic 8. Description of functions and features of external devices. Future Simple Active.
<b>Practical lesson 15</b>	Module testing.
<b>Practical lesson 16</b>	Project works
<b>Practical class 17-18</b>	Topic 9. Interaction with the computer from the outside. Functions and features of external devices. Present Continuous Active, be going to
<b>Practical class 19-20</b>	Topic 10. Selection of cameras and scanners. Past Continuous Active
<b>Practical lesson 21-22</b>	Topic 11. Features of the screen and ergonomics of devices. Future Continuous Active.
<b>Practical lesson 23</b>	Topic 12. Portable hard drives. Purchase, features of use. Passive state of verbs. Simple Passive.
<b>Practical lesson 24</b>	Module testing.
<b>Practical lesson 25</b>	Topic 13. Methods of data protection. Continuous Passive.
<b>Practical lesson 26</b>	Topic 14. Optical devices. Technical details, choice of optical device. Writing a post on the forum. Perfect Passive
<b>Practical lesson 27-28</b>	Topic 15. Operating system. Types of OS, functional differences. Modal verbs (features of form, meaning: possibility, necessity, assessment of probability)
<b>Practical lesson 29-30</b>	Topic 16. Working with tables and databases. Excel files. Modal verbs of group I01 (can, tau) and their equivalents (be able, be allowed, be permitted, be forbidden)
<b>Practical lesson 31</b>	Module testing.
<b>Practical lesson 32</b>	Project works
<b>Practical lesson 33</b>	Topic 17. Writing a complaint. Modal verbs of group 2 (must, needn't, should, ought to) and their equivalents (be, have).
<b>Practical lesson 34</b>	Topic 18. Internet and e-mails. Peculiarities of using e-mails. Modal verbs of group C01 (must, can't, should, may, might, could).
<b>Practical lesson 35-36</b>	Topic 19. The World Wide Web. E-commerce and online banking. Modal verbs with complex infinitive forms.
<b>Practical lesson 37-38</b>	Topic 20. Structure of a web page, components of cyberspace. Functions of the verbs to be, to have.
<b>Practical lesson 39-40</b>	Topic 21. Programs necessary for various spheres of activity. The need for free use of them and the degree of professional training. Grammar: Structure of a complex sentence.
<b>Practical lesson 41-42</b>	Topic 22. Graphics and design. Using design tools. Compound sentences of various types, conjunctions.
<b>Practical lesson 43-44</b>	Topic 23. Color palette and possibilities of using graphics for work. Non-conjunctive sentences.
<b>Practical lesson 45-46</b>	Topic 24. Multimedia and its purpose. System requirements and components. Indirect speech, agreement of tenses. Indirect narrative sentences. Indirect questions.

<b>Practical lesson 47</b>	Module testing.
<b>Practical lesson 48</b>	Project works
<b>Practical lesson 49</b>	Topic 25. Areas of use of multimedia support and possibilities of use. Subjunctive. Types of conditional sentences (I, II, III) Section: Programming. Work in the field of information and computer technologies
<b>Practical lesson 50-51</b>	Topic 26. Web design. Site development and necessary tools for this. Sentences with the verb wish.
<b>Practical lesson 52-53</b>	Topic 27. Design of an Internet page. Rules and components of placing information on a web page. Functions of the verb should.
<b>Practical lesson 54-55</b>	Topic 28. Program development and computer languages. First steps in programming. Discussion of computer languages and their functions Participle (Participle I). Forms and functions.
<b>Practical lesson 56</b>	Module testing.
<b>Practical lesson 57</b>	Topic 29. Java. Functions and purposes of Java, working with Java applets. Java language. Participle (Participle 11). Forms and functions.
<b>Practical lesson 58-59</b>	Topic 30. Communication computer systems. Communication channels, their functions and principles of operation. Adverbial inflections (complex application, independent adverbial).
<b>Practical lesson 60</b>	Topic 31. Concept of network. Types of networks. Basic issues related to maintenance and operation of networks. Gerund. Forms and functions.
<b>Practical lesson 61-62</b>	Topic 32. New technologies, development prospects, current state and future forecasts. Discussion of the problems of modern information technologies. Gerundial inflections.
<b>Practical lesson 63</b>	Module testing.
<b>Practical lesson 64</b>	Project works
<b>Practical lesson 65-67</b>	Topic 33. Personality. Publicity. Media. Digital media
<b>Practical lesson 68-70</b>	Topic 34. Problems. Personal problems. Sense. Crimes
<b>Practical lesson 71-74</b>	Module 10. Types of communication Topic 35. Traditions and customs. Culture. Verbal and non-verbal communication
<b>Practical lesson 75-78</b>	Topic 36. American English and British English. Distinctive and common features.
<b>Practical lesson 79</b>	Module testing.
<b>Practical lesson 80</b>	Project works
<b>Practical lesson 81-83</b>	Topic 37. Vacation and tourism. Types of active recreation. Travels
<b>Practical lesson 84-86</b>	Topic 38. Connections. Relations. Relationships
<b>Practical lesson 87-90</b>	Topic 39. Health. Food. Diseases Treatment
<b>Practical lesson 91-94</b>	Topic 40. Healthy lifestyle. Healthy Eating. Ecocities
<b>Practical lesson 95</b>	Module testing.
<b>Practical lesson 97-104</b>	Topic 41. Urban legends. Information wars. Fakes Fact checking

<b>Practical lesson 105-110</b>	Topic 42. Protests. Hashtag activists
<b>Practical lesson 111</b>	Module testing.
<b>Practical lesson 112</b>	Project works
<b>Practical lesson 113-117</b>	Topic 43. Consumption. Money. Shopping
<b>Practical lesson 118-122</b>	Topic 44. Online shopping. Online consumer culture
<b>Practical lesson 123</b>	Module testing.
<b>Practical lesson 124</b>	Project works
<b>Self-study</b>	Preparation for practical classes 124 hours. Independent study of topics and issues that are not taught in practical classes 28 hours.
	Total 244

### RECOMMENDED READING

<b>C o m p u l s o r y</b>	1. Academic Writing Course. R.N. Jordan, Longman, 2008.	<b>R e c o m m e n d e d</b>	1. Williams, E.Y. (2018) Presentations in English. Macmillan.
	2. Career Paths English: Information Technology. Virginia Evans, Jenny Dooley, Stanley Wright, Express Publishing, 2011.		2. Grussendorf, M. (2017) English for Presentations. OUP.
	3. Check Your English Vocabulary for Computers and Information Technology. Vocabulary Workbook. Jonathan Marks, A & C Black Publishers Ltd, 2007.		3. Powell, M. (2012) Presenting in English. Thomson. Heinle.
	4. English for Emails. Oxford University Press, 2007.		4. Thomson, K. (2017) English for Meetings. OUP.
	5. English for Socialising. S. Gore, D.G. Smith, Oxford University Press, 2007.		5. Thomson, K. (2018) English for Negotiations. OUP.
	6. English for Telephoning. Oxford University Press, 2006.		6. Murphy, R. (2012) English Grammar in Use. CUP.
	7. English for Telecoms and Information Technology. Tom Ricca-McCarthy		7. Hewings, M. (2015) Advanced Grammar in Use. CUP.
	8. Michael Duckworth Oxford University Press, 2017.		8. Eastwood, J. (2016) Oxford Practice Grammar (inter). OUP.
	9. English Grammar in Use. R. Murphy, Cambridge University Press, 2006.		9. Yule, G. (2016) Oxford Practice Grammar (adv). OUP.
	10. Esteras S. R. Infotech 4. English for computer users. Cambridge, 2009		10. Oxford Business English Dictionary. (2015) OUP.
	11. Esteras S. R. Infotech 4. English for computer users. Workbook- Cambridge, 2009		
	12. Exam Booster. Preparation for B2+ Level Exams. Virginia Evans, Jenny Dooley. Express Publishing, 2020.		
	13. Oxford English for Computing. Keith Boeckner, P. Charles Brown, Oxford University Press, 2005.		
	14. Professional English in Use ICT. For Computers and the Internet. Santiago Remacha Esteras, Elena Marco Fabre, Cambridge University Press, 2007.		
	15. Solutions. Upper-intermediate. Student's Book/ Workbook. 3rd Edition. Tim Falla, Paul A Davies. Oxford University Press, 2017.		

### Academic integrity

Students are expected to adhere to the Code of Ethics of Academic Relations and Integrity of NTU "KhPI".

The content of this syllabus is consistent with the course program.