

Subject name	Foreign language (ECTS 8)
Subject/module code	XT11208
Science taught semester (s).	1/2 semesters
Responsible teacher	Mamarizayeva Farangiz Zokhidjon kizi, senior teacher
Education language	Uzbek
Study to the program connection	Compulsory
Training hours (this including independent education)	Total hours - 240 . Auditorium (Classroom) hours - 96 Practical hours - 96 Independent learning -144 hours
ECTS	8
The purpose and tasks of subject / learning outcomes	<p>The purpose of teaching the subject: The purpose of teaching a foreign language in non-philological areas is to teach students the oral and written forms of the language in an integrated manner, develop communication skills in various contexts, in particular, to improve their practical and theoretical knowledge of the foreign language skills being studied, and to ensure that they can freely use the acquired knowledge, skills, and competencies in professional and scientific activities.</p> <p>The task of the subject is to teach the necessary language skills and develop communication skills in an integrated manner to master the foreign language being studied at level B2 according to generally recognized international standards.</p> <p>In practical classes conducted in a foreign language, all language skills - listening comprehension, reading, writing, and speaking - are taught to students in an integrated manner.</p> <p>Reading - developing the skills and abilities of familiarization, skimming and careful reading; reading letters, correspondence and e-mail; reading authentic texts that reflect special materials; reading texts with special words and terms, scientific and professional literature, electronic sources and press materials;</p> <p>Writing - writing various correspondence, letters and special reports (memo CV, etc.); writing essays, statements, resumes, research work (articles, graduation qualification works);</p> <p>Listening comprehension - listening to authentic materials twice and understanding the main content, obtaining the necessary information and being able to express it; understanding daily news, reports, and the speech of film characters.</p> <p>Focusing knowledge and skills on the field The main goal of the professional-oriented stage:</p> <ul style="list-style-type: none"> - Practical mastery of a foreign language in the professional field by types of speech; - Development of the student as a creative person; - Development of skills and abilities in translating literature in the field. <p>1. Reading: Work on a text (1200 - 1500 points) on various topics and fields of study per week during the academic year.</p> <p>2. Writing:</p>

- writing greeting cards;
- writing informal and formal letters;
- writing a short summary of texts on various topics;
- writing an essay of 200-250 words on various topics.

3. Listening comprehension:

- listening to and understanding complex authentic speech in familiar and unfamiliar contexts, including radio, internet and television programs and interviews broadcast on them.

4. Speaking:

General topics - about myself, about my family, work day, hobbies, spending free time, everyday life, etc.;

Social topics - household issues, personal and professional psychology and ethics, environmental protection, global problems;

Socio-cultural topics - cultural differences in scientific and industry-related situations, the world and the countries whose languages are being studied, their cultural and social characteristics, a foreign language and its role;

Educational topics - the education system, continuing education, leading universities in the world, strategies for writing, reading, studying and presenting lectures, scientific articles, theses;

Topics related to the Internet and information technologies - world and domestic scientific and technical news, achievements, discoveries and inventions, use of Internet networks, the latest technologies;

Topics related to the field of specialization - industry trends, current topics, document management, professional ethics, negotiations, scientific and practical achievements in the field of specialization, innovative ideas and innovations, leading scientists in the field and their role in science.

Learning outcomes (Results):

Direction of knowledge and skills to the field;

The main goal of the professionally oriented stage:

- Practical acquisition of a foreign language in the professional field by types of speech;
- development of the student as a creative person;
- development of skills and abilities in translating literature in the field.

When organizing, conducting practical exercises and assessing students' language acquisition, internationally recognized criteria for language acquisition are used:

1. 1. Listening comprehension competence:

B2 level - understands long speech given in lectures or on television, more complex speech on familiar topics, understands the main idea of the topics being discussed while listening to and watching news broadcasts on TV and radio, and understands the content of films shown in a literary language.

2. Reading competency:

B2 level - should be able to read and understand articles on current topics, and understand the content of modern prose works. This is because when reading a work, the student is expected to focus on the main idea, not on its literal translation.

3. Writing competence:

	<p>B2 level - the student should be able to provide information on topics of interest to him/her and express his/her opinions on them in writing, clearly express his/her views on the topic, negative or positive aspects in writing</p> <p>4. Speaking (dialogue, monologue) competence:</p> <p>B2 level (dialogue) - the student should be able to communicate freely with native speakers, actively participate in discussions on familiar topics, as well as interview native speakers and, in turn, answer their questions.</p> <p>Monologue - the student should be able to compose clear and detailed sentences on topics of interest to him/her, describe events and objects related to relevant topics.</p>
Course content (topics)	<p>I. I. Main part (Practical training)</p> <p>1-st semester</p> <p>Lesson-1: Text: About myself, New words and word combinations; Doing exercises;</p> <p>Lesson-2: Discussion: Talking about yourself. Text: My biography; Doing exercises;</p> <p>Lesson-3: Text: My daily life... Grammar material: Prepositions of time; Text: My working day;</p> <p>Lesson-4: Text: My day off; New words and word combinations; Doing exercises;</p> <p>Lesson-5: Text: What's hobby? New words and word combinations; Doing exercises;</p> <p>Lesson-6: Text: Sport is very important in our life; New words and word combinations; Doing exercises;</p> <p>Lesson-7: Text: Holidays; New words and word combinations; Doing exercises;</p> <p>Lesson-8: Text: Shopping; Text: Shopping at the supermarket; New words and word combinations; Doing exercises;</p> <p>Lesson-9: Text: Travelling. Grammar material: The Sentence; New words and word combinations; Doing exercises;</p> <p>Lesson-10: Text: What is your specialty? New words and word combinations; Doing exercises;</p> <p>Lesson-11: Text: My future profession; Grammar material: The Future Indefinite Tense; New words and word combinations; Doing exercises;</p> <p>Lesson-12: Text: Choosing a Career; New words and word combinations; Doing exercises;</p> <p>Lesson-13: Text: Jobs and Professions; I want to be a doctor; Grammar material: to be fe'li; New words and word combinations; Doing exercises;</p> <p>Lesson-14: Text: Ecology; Grammar material: Adjectives and Adverbs; New words and word combinations; Doing exercises;</p> <p>Lesson-15: Text: Five of the world's biggest environmental problems; New words and word combinations; Doing exercises;</p> <p>Lesson-16: Text: Global problems of today; Writing essay; What can common people do to protect nature? New words and word combinations; Doing exercises;</p> <p>Lesson-17: Text: Science and technology in foreign countries; New words and word combinations; Doing exercises;</p> <p>Lesson-18: Text: Development of science and technology; New words and word combinations; Doing exercises;</p> <p>Lesson-19: Text: English speaking countries; New words and word combinations; Doing exercises;</p> <p>Lesson-20: Text: London; New words and word combinations; Doing exercises;</p> <p>Lesson-21: Text: Why do we learn the English language? New words</p>

and word combinations; Doing exercises;
Lesson-22: Text: The Higher Education in English speaking countries; New words and word combinations; Doing exercises;
Lesson-23: Text: Inventions and inventors; New words and word combinations; Doing exercises;
Lesson-24: Text: Famous inventions and inventors; New words and word combinations; Doing exercises;

2-nd semester

Lesson 1: Text: What do you know about energy? New words and word combinations; Doing exercises;
Lesson 2: Text: Electricity. Text: Electric power; New words and word combinations; Doing exercises;
Lesson 3: Text: Some facts about atoms and molecules; New words and word combinations; Doing exercises;
Lesson 4: Text: What is radio communication? New words and word combinations; Doing exercises;
Lesson 4: Text: What is radio communication? New words and word combinations; Doing exercises;
Lesson 5: Text: Electricity and electronics; New words and word combinations; Doing exercises;
Lesson 6: Text: Radio and TV Today; New words and word combinations; Doing exercises;
Lesson 7: Text: Telegraph; Text: Telescope Text: Telephone; New words and word combinations; Doing exercises;
Lesson 8: Text: History of Television; New words and word combinations; Doing exercises;
Lesson 9: Text: Physics; New words and word combinations; Doing exercises;
Lesson 10: Text: Famous personalities of the specialty: J.C. Maxwell; New words and word combinations; Doing exercises;
Lesson 11: Text: Computer; New words and word combinations; Doing exercises;
Lesson 12: Text: Internet Text: Internet in our life; New words and word combinations; Doing exercises;
Lesson 13: A new microcomputer; New words and word combinations; Doing exercises;
Lesson 14: Solar energy; New words and word combinations; Doing exercises;
Lesson 15: Text: What is a laser? New words and word combinations; Doing exercises;
Lesson 16: Text: Batteries; New words and word combinations; Doing exercises;
Lesson 17: Text: The discovery of X-rays; New words and word combinations; Doing exercises;
Lesson 18: Text: Nontraditional and renewable energy sources; New words and word combinations; Doing exercises;
Lesson 20: Text: What is nuclear energy? New words and word combinations; Doing exercises;
Lesson 21: Text: Optical technology; New words and word combinations; Doing exercises;
Lesson 22: Text: Electrical units of measurement; New words and word combinations; Doing exercises;
Lesson 23: Text: Massachusetts Institute of Technology; New words and word combinations; Doing exercises;
Lesson 24: Text: Famous people: Isaac Newton, Alfred Nobel; New words and word combinations; Doing exercises;

III. Instructions and recommendations for practical training

	<p>The teacher's preparation for a practical training begins with the study of the initial documents (curriculum, thematic plan, etc.) and ends with the development of a lesson plan. The teacher should have an idea of the goals and objectives of the practical training, the amount of work that each student must perform.</p> <p>Methodological instructions are the main methodological document of the teacher in preparing and conducting practical training.</p> <p>In practical classes, emphasis is placed on developing students' speech (reading, writing, listening comprehension, speaking), language (lexical, grammatical), socio-cultural and pragmatic competencies in accordance with the requirements of the State Standard of the Republic of Uzbekistan;</p> <p>Also, attention is paid to developing oral and written presentation skills and qualifications on topics related to scientific, professional and everyday activities, introducing universal and national values, instilling a sense of intercultural tolerance and interethnic solidarity, and teaching terms and concepts used in scientific and professional activities;</p> <p>The purpose of practical classes is to understand the theory, acquire skills. It is to consciously apply it in educational and professional activities, and to develop the ability to confidently form one's own point of view.</p> <p>IV. Independent learning and independent work.</p> <p>Independent learning competence serves to support students' independent self-development and increase the effectiveness of professional activities. Students perform independent work on their mobile devices under the guidance of a teacher in a traditional or electronic form.</p> <p>Independent study for recommended topics:</p> <ol style="list-style-type: none"> 1. Reading to understand the general content of foreign language materials, obtain some information, understand details and determine the direction (signs, indicators, etc.); 2. Writing special formal and informal letters; 3. Writing an essay that is correctly organized in form and content; 4. Preparing lectures; 5. Preparing scientific articles that are sufficiently grammatically correct in content and in an appropriate style; 6. Writing proposals, conclusions, annotations and theses; 7. Being able to write graduation theses in their fields, if necessary;
Student assessment	<p>Assessment of student knowledge is based on the mastery of the learning material during the semester and final control (tests, assignments, written and oral work results).</p> <p>During the course of Foreign language, students are evaluated on a 100-point system. Of these, 50 points are allocated to the current and intermediate results (60% of 50 points are current control, independent study and 40% are intermediate control), and 50 points are allocated to the final control results. Students whose total score of current and intermediate points is less than 30 points are not admitted to the final control exam. A student who scores 30 or more points in the final control is considered to have mastered the subject.</p>
Requirements for exams	<p>The student must have fully mastered the theoretical and practical concepts of the subject, be able to correctly reflect the results of the analysis. The student must have completed the tasks given in the current and intermediate forms of independent work, assessment. At the same time, he must have received the necessary points from the current, intermediate, independent education and final tests in the relevant subject within the specified time.</p> <p>A student who has not submitted current control, intermediate control and independent education tasks, as well as who has scored less</p>

	<p>than 30 points on these tasks and types of control, will not be included in the final type of control.</p> <p>Also, a student who has missed 25 or more percent of the classroom hours allocated to the subject without an excuse will be expelled from this subject, will not be allowed to take the final exam and will be considered as not having mastered the relevant credits in this subject.</p> <p>A student who fails the final exam or scores less than 30 points on this type of exam is considered academically indebted.</p>
Recommended Literature	<p>Main literature:</p> <ol style="list-style-type: none"> 1. Scholastic Children's Dictionary. Library of Congress Cataloging-in-Publication Data. Updating edition, June2002. New York. 2. Scholastic Kid's Almanac. For the 21st Century. Printed in the USA. July 23, 1999. 3. The World Book Encyclopedia. A Volume1, Chicago, London. 4. Mustafoqulova H.A. – English-A collection of texts and exercises for students of the 3rd level of English language, Textbook, 2020. 5. Mustafoqulova H.A. – English for energetics - For energy specialists in the English language. Textbook, Tashkent - 2022. 6. Mustafoqulova H.A. – Practical English for energetics - For energy specialists in the English language. Textbook - 2022. 7. Mustafoqulova H.A. – English for radioelectronic devices and systems. A collection of texts and exercises for students of the 1st-2nd level of English language. Textbook - 2023. 8. Mustafoqulova H.A. – Professional English for energetics. Textbook for students of the 1st-2nd level of the Energy Department in English. 2024. 9. Mustafoqulova H.A. – Practical English for energetics – Workbook – Practical English for energetics – Workbook for energy specialists. Textbook - 2022. 10. Kurashvili E.I. "English language for students and physicists" / E.I. Kurashvili. - M.: Astrel, 2001. 11. Sikorskaya N.P. "English language for physicists" / N.P. Sikorskaya. - Minsk: Izd-vo BGU, 1981. 12. Men and women in Science. – The World Book Encyclopedia of Science. Volume 8. – Chicago. World Book, Inc. – 1991. 13. Physics today. – The World Book Encyclopedia of Science. Volume 2. – Chicago. – World Book, Inc. – 1990. 14. Boldak I.A., Alantyeva T.I., Boyarchuk O.E., Gilyova O.V. - "Mir Fiziki - Physics World" - Posobiye. GrGU, Belarus, Grodno. - 2008. 15. Lawrence, Williams. Space. Last Frontiers for Mankind. - New York. Marshall Cavendish. - 1990. 16. Kubarkov G. L., Tymoshuk B. A. Sbornik novykh tem sovremennogo angliyskogo zyzyka. - Rostov-on-Don OOO. "Udacha", 2007. 17. Starkov A. P. English for 9th form. S P, 1999. 18. "Briefing papers for student" New York 2001. 19. Barhard J. The American Experience in Education. New York, 1975. 20. The World Book Encyclopedia. U-V Volume 20, Chicago, London, Sydney, Toronto 1993. 22. Dubrovskaya S.G. I second "Angliysky zyak dlya ingenernix spetsialnostey vuzov" - M. Visshaya school, 1985.

23. Ivanova K. "English for students of electrical engineering". L.: 1983.
24. Makeyeva B.M. "English language" (dlya neyazikovikh vuzov). M. Visshaya school, 1988.
25. Novitskaya T.M. Kuchin N.D. Practical grammar of the English language M. Visshaya school, 1983.
- Christopher Morris, Jonny Prather. World English. New York.: 1997.

Additional literature:

1. Alovitdinova H., Radjabova D. and b. English for ESL and ESP learners. T.: TMU, 2012.
2. Ishmuhamedov R. Abduqodirov A. Pardayev A. Innovative technologies in education (practical recommendations for teachers of educational institutions). T.: Iste'dod, 2008.
3. Kerr P., Jones C. Straightforward. Intermediate. Student's book 2 nd edition. - Teacher's book. - Macmillan, 2007.
4. Scrivener J, Bingham C., Tennant A., Wassermann S. Straightforward. Intermediate. Student's book 2nd edition. - Teacher's book. - Macmillan, 2007.
6. Kirkham L., Iriskulov A., Rashidova F. A handbook for teachers of FL with reference to the CEFR. - Tashkent, 2013.
7. Salimova Laylo. "English for financiers". Tashkent – 1998.
12. Gadoyeva et al. "English" textbook – Tashkent – 2000.
13. Dusboyeva N. , Hamzayev A. "Methodical development for 1st year students of English". Jizzakh – 2005.
14. Norbekova S. "Methodical development for 2nd year students of English". Jizzakh – 2005.
15. Mustafayev B. "Methodical development for 3rd year students of English". Jizzakh – 2005.
16. Mustafokulova H.A., Em M.V. "Collection of texts and exercises for independent work of students" – Jizzakh – 2006.
17. Mustafokulova H.A.- "English" – a textbook for students of the electroenergetics department. (Order of the Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan dated December 07, 2020 No. 648. Registration number-648-071);
18. Mustafokulova H.A.- English for energetic. Textbook-2022. . (ISBN-9789-943-9044-1-5).
19. Mustafokulova H.A. - English for radio electronics and radio electronic systems. Textbook – 2023. (ISBN-978-9910-730-23-8).
20. Mustafokulova H.A., Xolboyeva F., Murodova U., Tursunpo'latov D. - English B1 - Student's self-study work. Study guide - 2022. (ISBN-978-9943-93-91-2-7).
21. Soliev E.M. "General English" - Study guide for students of the "Transport" faculty. (Order of the Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan No. 356 dated August 18, 2021. Registration number-356/7-147).
22. John & Liz Soars. Headway. Intermediate. Oxford University Press - 1999.
23. Adrian Tennant. Straightforward. Pre-Intermediate. Student's Book. 2-nd edition. Macmillan, 2007.

Internet resources:

1. www.teachingenglish.org.uk

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| | <ol style="list-style-type: none">2. www.elgazette.com3. www.learnenglish.org.uk |
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Internet sources:

1. www.ziyonet.uz – national educational materials search site.
2. www.gov.uz – Government portal of the Republic of Uzbekistan.
3. www.google.com – international educational materials search site.
4. www.energystrategy.ru – information portal “Energy Policy and Strategy”
5. www.twirpx.com – international educational materials search site.

