

APPROVED BY

Director of Core Engineering Education School

/Denis V. Chaykovsky

 "11" 06 2020

Course Name: Foreign Language (Russian)

Field of Study: Nuclear Science and Technology

Programme name: Nuclear Science and Technology

Specialization: Nuclear Power Engineering

Level of Study: Master Degree Programme

Year of admission: 2019

Semester, year: semester 1,2, year 1

ECTS: 6

Total Hours: 216

Contact Hours: 64

- **Practical experience:** 64

Self-study: 152

Assessment: Credit-test

Division: Russian Language

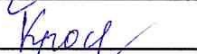
Director of Programme

 / Vera V. Verkhoturova

Instructors

 / Lyudmila V. Vorobeva

 / Yuliya O. Okhorzina

 / Vera A. Krasman

Course name: Foreign Language (Russian)

Course Overview

Course Objectives	The objective of the training course is to develop communication skills, which enable learners to solve communicative tasks in scientific and professional spheres of the discourse.
Learning Outcomes	Upon completion of the course, a graduate will obtain the knowledge of: –grammatical features of words of different word classes; –main models of sentences; –rules of creation of passive constructions; –rules of the use of active and passive participles; –rules of the use of adverbial participles; –ways of transformation of sentences of the scientific speech; –means of expression of the semantic relations in the scientific text (time, definition, cause and effect, the purpose, a condition, comparison); –ways of characterizing a subject, phenomenon (definition, properties, structure, quantitative characteristics); –language transmission media of information of the reviewed text, the organizations of logic and structure of the scientific text, authorization, assessment; –language means of formulation of an object and subject, purpose and research problems; –language means of justification of relevance, technique, novelty and importance of a research; –rules of preparation of the list of the used sources, in Russian; –presentation design rules to protect the results of scientific work in Russian. Upon completion of the course, graduates are also expected to develop the following skills: – to encode semantic parts in the sentence in order to correctly understand the statement in Russian; – to transform sentences of the scientific speech, using various grammatical means of the Russian Language; – to make statements, expressing the necessary semantic relations by means characteristic of the scientific style of the Russian language; – to give characteristic of a subject, phenomenon, competently using resources of scientific style of Russian; – to use language means of transmitting information of the reviewed text, the organizations of logic and structure of the scientific text, authorization, assessment; – to formulate an object and a subject, the purpose and research problems; – to prove relevance, a technique, novelty and the importance of a research; – to prepare the list of the researched sources, the conclusion of the scientific text, a presentation to protect the results of scientific research. Upon completion of the course, graduates should acquire the practical experience in: – reading scientific texts in Russian;

	– transformation of sentences of scientific speech; – expressing semantic relations by means characteristic of the scientific style of the Russian language; – characterizing the object, the phenomenon; – transferring information from the reviewed text in Russian; – designing the Introduction of a scientific text in Russian; – designing the List of References in Russian; – designing the Conclusion of a scientific text and text design of the presentation to protect the results of scientific research.
Course Outline	The target course is taught using a variety of teaching forms such as: – 32 practical experiences; – 14 individual homework assignments; – 4 tests. The course consists of 4 sections, which are given below. Section 1. Grammar of a scientific text Section 2. Ways of expressing semantic relations in a scientific text Section 3. Scientific text categories Section 4. Language Constructions of a Scientific Text Each section includes several practical experiences. The course ends with a credit test. <i>Learners' self-study</i> is arranged in a form of a grammar rules review and individual homework assignments. During the course of study, learners are expected to complete 14 individual homework assignments. <i>Individual homework assignment</i> is a set of tasks, aimed at consolidating the knowledge gained and the development of relevant skills. Tasks are built in order of increasing complexity: 1) compilation of individual sentences in accordance with the given communicative tasks, 2) analysis of fragments of a scientific text; 3) independent formulation of scientific text fragments. Individual tasks are performed and are submitted to the teacher for verification in electronic form. Tests are performed in writing during the conference week. Tests contain tasks aimed at checking and assessing the degree of formation of the ability to formulate and transform statements characteristic of a scientific text in Russian.
Course Structure	The content of the course covers 32 topics. Each topic is studied through practical experiences. Section 1. Grammar of a scientific text 1. Composition of the word. Parts of speech. 2. Sentence structure. 3. Basic sentence models. 4. Imperfect passive constructions. 5. Passive constructions of perfective aspect. 6. The use of active participles in the scientific text. 7. The use of passive participles in a scientific text. 8. The use of adverbial participles in the scientific text. Section 2. Ways of expressing semantic relations in a scientific text 1. The designation of time in the scientific text. 2. Description of the process. 3. Designation of the process. 4. The circumstantial characteristic of the process. 5. The use and evaluation process. 6. Designation of cause-effect relationships in a scientific text. 7. Expression of purpose and conditions in the scientific text. 8. Methods of designation of comparison, measure and degree. Section 3. Scientific text categories 1. The definition of the subject phenomenon. 2. Description of the properties of the object phenomenon. 3. Quantitative characteristic, characteristic by

	composition. 4. Evaluation in the scientific text. 5. Means of information transfer reviewed text. 6. Compositional orienting, delimiting and thinking-activating signals of a scientific text. 7. Methods of authorization in the scientific text. 8. Means of connections in the scientific text. Section 4. Language Constructions of a Scientific Text 1. Justification of the relevance of a subject research. 2. The definition of the object and subject of the research. 3. The formulation of the purpose and objectives of the research. 4. Review of literature. Making a list of references. 5. Targeting of the methodological basis of the study. 6. Targeting of the scientific novelty and significance of the research results. 7. Formulation of conclusions. 8. Presentation design. Answers to questions.
Facilities and Equipment	Classroom with the multimedia equipment: Tomsk, Sovetskaya Str., 73/1, room 325, building 8.
Grading Policy	In accordance with TPU assessment system we use: - Current assessment which is performed on a regular basis during the semester by scoring the quality of mastering the theoretical material and the results of practical activities (tests, tasks, problem solving). Max score for current assessment is 100 points. The final score is determined by summing the scores of the c and exam score at the end of the semester. Maximum overall score corresponds to 100 points, min pass score is 55 points.
Course Policy	Attendance is strictly controlled. All classes are obligatory for attendance.
Teaching Aids and Resources	Compulsory reading: 1. Казакова О. А. Практикум по культуре речевого общения на русском языке. Грамматика и чтение: учебное пособие для академического бакалавриата / О. А. Казакова, Т. Б. Фрик. – 2-е изд., испр. и доп. – Москва : Юрайт, 2016. – 163 с. 2. Найдина Т. Е. Слушаем и понимаем бытовые разговоры и объявления: учебное пособие по русскому языку как иностранному / Т. Е. Найдина, Л. В. Политова, Е. К. Полякова. – 2-е изд. – Санкт-Петербург : Златоуст, 2018. – 52 с. 3. Найдина Т. Е. Слушаем и понимаем разговорную речь: учебное пособие по русскому языку как иностранному / Т. Е. Найдина, Е. К. Полякова. – 2-е изд. – Санкт-Петербург : Златоуст, 2018. – 48 с. 4. Найдина Т. Е. Слушаем и понимаем телевизионные и радиопрограммы: учебное пособие по русскому языку как иностранному / Т. Е. Найдина, Е. К. Полякова. – Санкт-Петербург: Златоуст, 2018. – 68 с. Additional reading: 1. Казакова О. А. Практикум по культуре речевого общения на русском языке. В 2-х частях. Часть 1 / О. А. Казакова, Т. Б. Фрик. – 2-е изд., испр. и доп. – Томск : Изд-во ТПУ, 2014. – 163 с. – URL : https://www.lib.tpu.ru/fulltext2/m/2015/m002.pdf (дата обращения: 20.09.2020). – Режим доступа: из корпоративной сети ТПУ. — Текст : электронный.
Instructors	1. Dr. Lyudmila V. Vorobeval, Associate Professor, Division for Russian Language, School of Core Engineering Education, TPU, +7 (3822) 606-478, e-mail: vorobieval@tpu.ru, personal page: https://portal.tpu.ru/SHARED/v/VOROBJEVAL/eng

	2. Dr. Yuliya Okhorzina, Associate Professor, Division for Russian Language, School of Core Engineering Education, TPU, +7 (3822) 606457, e-mail: ohorzina@tpu.ru , personal page: https://portal.tpu.ru/SHARED/o/OHORZINA/eng 3. Dr. Vera A. Krasman, Associate Professor, Division for Russian Language, School of Core Engineering Education, TPU, +7 (3822) 606450, e-mail: krasman@tpu.ru , personal page: https://portal.tpu.ru/SHARED/k/KRASMAN/eng
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