THE INFLUENCE OF INTERACTIVE TECHNOLOGIES ON THE FORMATION OF FOREIGN LANGUAGE COMMUNICATIVE COMPETENCE OF STUDENTS OF PHILOLOGY MAJORS

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Abstract: The relevance of the topic is the need to improve modern pedagogical practice through the use of modern innovative tools, namely interactive technologies. The issue of using interactive technologies is the possibility of gaining competitive advantages in the cognitive activity of students. Students of philological specialties face the problems of lexicogrammar nature and heavy workload. From this point of view, the research topic is relevant and requires the development of a methodology for the implementation of foreign language communicative competence using interactive technologies. The issue of their use in the modern educational environment is due to the increased attention of scientists because the qualitative use of interactive technologies can qualitatively improve the activities of students of various cognitive natures. Through the use of interactive technologies, an educator who plans to conduct a seminar or lecture should be able to identify key tools aimed at developing the cognitive abilities of the student. This has led to the setting of goals and objectives for the study. The objectives of the study are to analyze modern means of interactive technologies that can qualitatively improve the conduct of seminars or lectures. Moreover, an important direction in the study is the analysis of modern existing methods that can qualitatively improve the policy of organizing training and change the education system following the development of digital and interactive technologies in the long term. The object of the study is the cognitive activity of students of philological specialties and interactive technologies as a tool to improve the quality of mastering the discipline. The introduction of interactive technologies will improve not only the quality of students' foreign language communicative competencies but will also be able to provide an effective policy for communication among students. Through the use of scientific research methods and analysis of various types of interactive technologies, a

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1 Introduction

In today's conditions, the development of foreign language communicative competence plays a key role. It provides an opportunity to improve the quality of the exchange of culture and experience between people. In addition, foreign language communicative competence is a factor in improving the quality of education among students of philological faculties as future historical researchers and translators. The development of modern technologies and pedagogical practices stimulates the search for effective solutions for learning and improving its effectiveness. Therefore, in the context of scientific research, it is believed that the most effective form is interactive technology. The essence of interactive technologies is the possibility of involving students in cognitive activities in the development of

the educational program of a particular discipline at the university. Moreover, with the help of interactive technologies, it is possible to qualitatively improve the performance of the task and increase the level of interaction of students with each other. In general, interactive technologies involve active engagement in learning. This can be done in different ways, both through game activities, and various stimulating and motivating activities from the educator. The importance of using interactive technologies in the modern educational process lies in the possibility of improving qualitative approaches to the development and formation of technologies that can be most qualitatively characterized. Based on this approach, it is possible to formulate expedient approaches to the development of foreign language competence of students of philological specialties. In addition, the use of various pedagogical practices can increase the level of perception of the material and increase students interest in learning the relevant material. Scientists argue about the possibility of implementing interactive technologies and methods of selecting the most effective ones. Given this, it is worth using interactive technologies to improve memory, algorithmic thinking, the ability to analyze information and stimulate cognitive activity from the standpoint of a student's interest in studying the philological discipline. An important debatable issue is the ways of assessing students of philological specialties for the quality of perception of the material and the possibility of its improvement under the implemented technologies. These positions indicate the need to explore current views on the use of interactive technologies in foreign language communicative competence. An important issue is the choice of the most effective methodology for implementing traditional teaching and combining it with modern interactive technologies. It is also worth exploring the possibilities of introducing modern digital activities to increase the cognitive activity of students of philological specialties.

2 Literature review

The subject of the study is to conduct scientific discussions, which indicate the quality of the use and formation of foreign language communicative ability of students of philological specialties. The priority in training is the possibility of not only effective problem-solving but also the application of the material in practice. Based on such provisions, researchers are forming the problem of the most effective methods of interactive technologies and the possibility of their implementation in the modern scientific community. In addition, to use current interactive technologies, it is necessary to use the developed examples of their implementation and improve them with the help of digital technologies. The author Westera (2020) notes that the issue of using interactive technologies is of key importance in improving the quality of knowledge acquisition and the possibility of developing students' practical abilities. Interactive technologies can qualitatively improve the activities of students of philological faculties in conducting the cognitive activity, creating new integrated tools and systems for the implementation of their scientific activities in the development of relevant educational programs. Another author, namely Jáuregui (2021), emphasizes that the use of interactive technologies can qualitatively improve students' activities not only during their studies but also in the future professional environment. The scientist focuses on the use of the most relevant methodology of interactive technologies aimed at involving students in group work. Group work can become a quantitative indicator when working in the future. Most of the philological specialties, like any other, are aimed at working in groups and solving problems. Tatnall (2022) investigates the issue of foreign language communicative competence as the most difficult sector to master since another language is a foreign culture. Kuhfeld (2020) supports this point. The author believes that foreign language communicative competence is a product of the spiritual traditions and symbolism of a particular ethnic group, which can qualitatively improve the information

content of its epistemological development. In particular, Beckman (2019) explores the use of interactive technologies based on brainstorming. The emphasis is on the fact that as soon as possible students can reproduce key associations and provide their characteristics following the given topic. Moreover, those students who use interactive technologies during homework can improve the quality of cognitive activity in the context of digital technologies. This point of view is agreed by Vogl (2018), who sees the development of modern interactive technologies through digital technologies as a key perspective. It is noted that the issue of using digital infrastructure and the possibility of conducting research using software will create qualitative conditions for analyzing the results obtained and their features. An important direction in conducting research can be considered the opinion of Ammirato (2020), who sees the grouping of interactive technologies according to the methodology of directing the development of relevant skills. The scientist notes that each interactive technology is effective if it is applied in an integrated approach to stimulating educational and cognitive activity. With such approaches, the features of division and the most qualitative methods of tracking foreign language competence by students of philological faculties are widely discussed. The author Santillana (2020) in his works pays considerable attention to the quality of the development of interactive technologies and the possibility of implementation in modern European universities. In addition, the author explores the issue of conducting seminars through the use of a mixed form of student activity. The key provisions for the implementation of increasing cognitive activity are the possibility of using traditional teaching tools and the moderate use of interactive technologies. Moderation and gradualness are the key means to forming discipline and motivation in students. For this reason, scientist believes that the transformation of the modern educational process to an interactive one is possible only if there is a logical sequence of implemented actions and their preliminary analysis. Thus, in modern scientific literature, much attention is paid to the formation of foreign language communicative competence and the possibility of its improvement with the help of interactive technologies. This has led to the setting of goals and objectives for the study.

3 Research aims

The research aims to analyze the principles of the formation of foreign language communicative competence of students of philological specialties with the help of interactive technologies. The article also focused on the possibility of introducing a qualitative formation of the educational process aimed at the development of the cognitive activity. With the help of modern teaching practices and the introduction of interactive technologies, it is possible to improve the quality of learning and its effectiveness. The key problem of the study is to identify the effectiveness of the introduction of interactive technologies for students of philological specialties to identify the quality of the formation of foreign language communicative competence.

It is essential to use modern practices and methods while conducting seminars and lectures. In addition, the article pays attention to the ways of improving the quality of the formation of communicative principles of foreign language communicative competence.

In the article, the quality of class preparation for students of philological specialties to form foreign language communicative competencies has been investigated. Also, the prerequisites and principles of cognitive activity development as a factor in creating the need to use interactive technologies have been determined.

4 Materials and methods

In the course of the study, a set of research methods has been used to reveal the essence of the problem in its theoretical and methodological nature and to conduct an analytical experiment. By using research methods and building a methodology for calculating the quality of involvement of students of philological

specialties to form foreign language communicative competence, it becomes possible to create analytical tools. This can qualitatively improve the effectiveness. Using the method of synthesis, the definition of the concept of interactive technologies and communicative competence has been determined. It is suggested to consider the quality of communicative competence at two levels, namely during the implementation of educational activities and everyday communication of students with each other. Attention is paid to the possibility of communication with foreigners. Using the search method, it has been determined that communication with representatives of foreign cultures affects the educational and cognitive activity of students of philological specialties. In particular, by using the method of induction and deduction, the characterization of key effective interactive technologies in modern teaching has been carried out. Moreover, based on these methods, the necessity of the widespread introduction of interactive technologies in educational activities is investigated. The study shows the gradual development of the educational system, which is constantly being improved to meet the modern requirements of the corporate and research sectors. Such approaches can qualitatively improve the cognitive activity of students and increase their motivation to learn. Using the method of abstraction, the characteristic features of the formation and quality of seminars for students of philological specialties have been determined. They are defined based on the use of interactive technologies and their possible further improvement. An experimental study was conducted to reveal the effectiveness of interactive technologies. The indicators of students' success before the introduction of interactive technologies and the degree of improvement in the quality of education due to the introduction of interactive technologies have been investigated. According to this methodological approach, it is possible to describe the real effectiveness of the formation of foreign language communicative competence based on these activities. The suggested methodological tools encourage the reflection of the key results of the study.

5 Results

As of today, the development of interactive technologies is of key importance in increasing the real efficiency of students in mastering the discipline. The development of digital technologies has made it possible to form qualitative approaches to highlighting the key communication skills of philological specialties students. The importance of introducing interactive technologies lies in the possibility of improving the approach to learning and mastering disciplines. From the point of view of using modern learning tools, there are a significant number of different formations that can be of advanced importance for the development of communicative competence (Tarasawa, 2020). As a rule, students face several problems in the lexicogrammar sector when learning a foreign language. Let us consider the key problems that students face when learning a foreign language or communicating with foreigners:

- Diversity of cultures and ethical approach to dialogue. Each country, as a separate ethnic community, has not only its territorial structure, and the monetary unit, but also a special mentality, which is primarily determined by qualitative approaches to communication with each other. The same applies when learning a foreign language. Modern practice is that when learning a foreign language, the history of the country whose language is studied by students is taught.
- The difficulty of understanding the grammatical component. For example, in German, there is a significant number of "irregular verbs". The essence of the name is that they are not conjugated and there are a lot of such verbs in the language. This causes certain difficulties in learning for students. Moreover, memorizing every verb is a complex task. Indeed, to master the language at a high level, students need to use a variety of practices to train their memory and the ability to communicate with representatives of this cultural language.
- The problem of translation and phraseology. This is the biggest problem in modern languages. Since the translation

problem becomes the most acute issue in communication. You cannot translate words literally from any language, you always need to take into account the context. In English, there is the word "break", which can have many synonymous meanings and is not related to the topic of conversation. Usually, this word is associated with the destruction or breaking of something. However, in everyday life, there is a common practice of taking a break or a "coffee break". When translated literally we get "to break coffee", which is completely wrong. That is why there is a problem with the correctness of translation and research of stable expressions in foreign languages.

Communicative barriers, personal problems of students psychology. Most students have communication barriers that prevent them from practicing speaking a foreign language. This is most evident in multicultural universities, where there are many exchange students. Such students form their environment, which performs its task under the set goals and can create their communicative communities, distributed even on a dialectical basis. When learning a language, students of philological specialties often face the problems of establishing communication between each other and the fear of saying something "wrong".

Such barriers should be identified in time by the lecturer and eliminated through individual approaches to the student. However, with a large audience, the issue of individual approach becomes impossible. Therefore, the most effective means of developing communicative competence will be the introduction of interactive technologies. The essence of interactive technologies is to actively involve students in the learning process, namely through a variety of techniques and games (Zartler, 2020). In addition, the most popular interactive technology is game activities. With the help of it, students will most quickly master new knowledge and be able to apply it in practical activities, in particular communicating with each other.

With such approaches, it can be stated that interactive technologies are a key means of developing 'studentsnunicative competence. Moreover, interactive classes and technologies should be widely implemented not only in universities but also in schools and private educational institutions. The issue of introducing interactive technologies in the educational market concerns the development of communicative abilities of a wide community of people who can improve their abilities through effective pedagogical practices. In addition, today it is worth considering that digital technologies are rapidly developing. This directly affects the quality and methodology of teaching students in philological specialties (Lockyerm 2019). Through the use and widespread implementation of digital technologies, it becomes possible to develop key skills in

students of philological specialties, namely: high lexical literacy, translation accuracy, high communication skills, and understanding of business and scientific speech and the difference between them.

The use of digital technologies has become a key means of conducting interactive classes. With their help, it is possible to plan classes in a game form, attract additional programs to monitor participation, and measure effectiveness. In addition, in interactive classes, it is worth using a simplified assessment system so that students focus not on the assessment, but on the process of participation in the seminar. This approach to teaching students of philological specialties can quickly improve their analytical abilities and qualitatively influence the level of competence of future translators, historians, and philologists.

The importance of acquiring foreign language competence also occurs when communicating with students in a group. That is why most experienced teachers form homework as a group assignment, which may involve working together to solve and compile a certain project (Antle, 2020). This approach can qualitatively improve not only the student's communication competencies but also improve his/her teamwork abilities as a key factor in human development in the modern world. Working in a group stimulates the search for a common language with other students who may be foreigners with their own culture.

Visualization of information is an integral part of learning. However, most educators forget to implement it in teaching or do not pay due attention to it. The issue of information visualization can qualitatively improve the communicative competencies of students and form them as effectively as possible. Modern approaches and the selection of a visual picture among them stimulates imagination and associations. An associative connection can be linked with certain words or phrases. That is why the associative connection is considered to be the most effective in memory training. The human brain works in such a way that when repeating the same image, a certain hierarchy of associative connections is formed, which can improve the understanding of the subject and help to remember a significant amount of information.

Modern interactive technologies have different forms of implementation and the nature of their direction. The correct use of interactive forms in teaching can qualitatively improve the student's active work while mastering a foreign discipline. Therefore, one of the main tasks of the educator is to prepare the correct format of the lesson, which will maximize the involvement of the student in the cognitive activity. Let's consider the most popular types of interactive technologies that exist today in European pedagogical practice, which are given in more detail in Table 1.

Tab. 1: Interactive technologies

Tub. 1. Interactive technologies		
Group classes	Provide the opportunity to work in a group and contact other students, create effective group work and improve the	
	quality of interaction between each other. Contribute to the development, and creation of effective group work and	
	improve the quality of interaction between each other, along with the development of competition.	
Discussions	Truth is born in a discussion. This established expression is characteristic of the possibility of improving the cognitive	
	activity and logical abilities of students. The technology of using discussion can qualitatively increase the degree of	
	understanding the issues, teach students to argue their position, and improve communication skills in debates.	
Brainstorming	It is characterized by rapid questioning to reproduce associative connections, as the most operational means of memory.	
	Brainstorming in learning is usually short-term and takes up to 5 minutes. During this time, students should write or express	
	their ideas for solving the problem. Brainstorming stimulates students to improve their memory abilities.	
Translation of mutual dialogue	Working in groups to reproduce the translation of others can contribute to the formation of professional skills of	
	students of philological specialties. In addition, this approach focuses on the ability to concentrate. Students need to	
	be highly concentrated on memorizing certain information to reproduce a dialogue.	
Situational games	The formation of situations in which students will be involved can improve the degree of interest in a foreign	
	language and increase motivation to learn. The essence of the method lies in the game form of reproducing certain	
	images and imitating their behavior. With this approach, students can not only improve their communication skills	
	but also improve their psychological state and eliminate anxiety during learning.	
Home Projects	This technology is the main one in the implementation of classes using interactive technologies. It stimulates	
	thorough research of the problem, the processing, and the reflection of the results. As a rule, such projects are	
	distributed among groups to improve foreign language competencies.	
Creative and digital	It includes any creative means of conducting a lesson that stimulates students to cognitive activity. Digital ones are	
	special simulators for mobile applications or web resources. Automated checking of lexical and grammatical	
	knowledge can improve students' motivation to learn.	

Source: compiled by the authors

The interactive technologies presented in Table 1 demonstrate the wide opportunities for both educators and students of philological specialties to form their communicative competences. These competencies will contribute to the qualitative improvement of foreign language acquisition. conduct an experimental study, it is suggested to choose the Warsaw Linguistic University, namely Wszechnica Polska. The 3rd year students of the Faculty of Philology have been chosen for the study. The experiment was conducted during 10 seminars using an e-mail survey of students and a proposal to do homework in a group form and use such mobile applications as "Duolingo". To begin with, the current level of student's academic performance has been determined.

1. The knowledge quality coefficient is calculated by the formula:

knowledge quality =
$$\frac{n(\mathbf{g})+n(\mathbf{g})}{N} \cdot 100\%$$
.

This indicator is calculated based on the results of the semester and annual assessments;

knowledge quality =
$$\frac{12 \cdot n(12) + 11 \cdot n(11) + 10 \cdot n(10) + 9 \cdot n(9) + 8 \cdot n(8) + 7 \cdot n(7)}{12N} \cdot 100\%$$

formula (1) where n(12) is the number of students who received 12 points; n(11) - number of students who received 11 points; n(10) - number of students who received 10 points; n(9) - number of students who received 9 points; n(8) - number of students who received 8 points; n(7) - number of students who received 7 points.

2. The efficiency coefficient is calculated by the formula:

efficiency coefficient =
$$\frac{12 n(12)+11 \cdot n(11)+10 \cdot n(10)+\dots+2n(2)+1n(1)}{12N} \cdot 100\%$$

formula (2). This indicator is calculated based on the results of monitoring control works.

From the calculated study, we can obtain the following indicators that indicate the quality of the formation of communicative competence of students of philological specialties. The correlation between the efficiency coefficient and the degree of knowledge quality is formed according to the following approach: from 1 to 0.8 - the highest indicator; from 0.9 to 0.7 - good indicator; from 0.7 to 0.6 - normal indicator; 0.6 and below - unsatisfactory result. The results of the analysis are presented in Table 2.

Tab. 2: Quality of the formation of communicative competence of students of philological specialties.

Average	
semester grade of the student Indicator of knowledge quality Indicator of knowledge perform	_
76,5/100 6,2 6,4	

Source: compiled by the authors

As can be seen in Table 2, the average score of students of the Faculty of Philology is 76.5 points, which is a grade C, on the verge of a B. This level of performance is satisfactory, but insufficient for a professional philologist. That is why, within the framework of the study, it was suggested to use several interactive technologies aimed at improving the indicator of the quality of knowledge and its effectiveness.

Students carefully prepared home projects only in groups and introduced discussion during classes, which could qualitatively raise the level of foreign language proficiency. Moreover, in just 3 weeks of the experiment, the average score of students of philological specialties significantly increased. The results of the summary indicator are shown in Table 3.

Moreover, during the experimental study, when recalculating the indicator of the quality of knowledge, it reaches 7.1, and the indicator of the effectiveness of knowledge is 7.0. Such results indicate that the formation of communicative abilities of students of philological specialties is much better with the introduction of interactive technologies.

Tab. 3: Indicators after holding seminars with the help of interactive technologies

Communicative competencies	Average value		
Lexical literacy	7,4		
Educational and research	7.5		
competence	7,5		
Memory development	7,1		
Creative and communicative skills	6,4		

Source: compiled by the authors

In general, nowadays, the practice of introducing interactive technologies in education is widespread. They provide some advantages both for students who can improve their abilities and for teachers who can develop their professional skills.

The conducted analytical research proves that at the subconscious level, human analytical abilities work better based on the use of interactive technologies. Therefore, their introduction into training can improve the quality of cognitive and active activity of students of philological faculties.

The main problem for students of philological faculties is a significant amount of information to be memorized accurately: historical dates, vocabulary, grammatical rules, dialects, phraseological units, etc. This amount of information creates the need to develop an effective teaching methodology, which in combination with digital technologies can significantly improve the level of professional competence of students.

Considering the development of communicative competence, the main pillars of development are discussion and group work. To stimulate these skills, it is necessary to involve students in group work as often as possible, both during seminars and lectures and during homework. Such approaches can qualitatively improve the level of foreign language proficiency and contribute to the development of the communicative competence of students of philological faculties.

Thus, the study is characterized by several features of the method formation of learning foreign languages and stimulating the development of communication skills during training. For the effective development of this area, it is necessary to apply modern tools of digital technologies and current pedagogical practices.

6 Discussion

The results of the study on the formation of foreign language communicative competence and the peculiarities of its implementation indicate that it is necessary to form modern tools for designing the links between the level of knowledge acquisition and the level of their reflection in the profile environment. The conducted experimental study confirms that the level of implementation of interactive technologies based on the use of digital simulators and group work can qualitatively improve the degree of foreign language learning. It can also help to improve the applied skills of students of philological specialties. This, in turn, stimulates the search for further prospects of the research. The key direction will be to group and analyze the most effective interactive technologies and combine them into a comprehensive system. The importance of their distribution among themselves and the evaluation of the result is that they will be the key principles of further development of interactive technologies as a tool for the formation of foreign language communicative competence in students of philological specialties.

Foreign scientists, namely Frauenberger (2020), note that the modern practice of introducing interactive technologies is a comprehensive analysis of the possibilities of their implementation and the degree of use following the requirements of the philological discipline. For instance, in linguistics, it is necessary to use interactive technologies aimed at developing memory, since there is a question of understanding phraseological units, memorizing information on the reproduction of lexical and semantic structures, and tools for their implementation. Therefore, according to scientists, a promising area of research will be the use of interactive technologies in a wide range of disciplines and the possibility of further improvement based on the obtained statistical results.

Other authors, namely Reyes (2020), believe that interactive technologies are a tool for future education, which is being implemented nowadays. The use of interactive technologies increases the motivation to learn in students and stimulates the solution of real problems. The game form of activity stimulates all important cognitive sectors of the human brain and increases the level of concentration. According to scientists, game activities will stimulate the mastering of philological disciplines and the possibility of improving the current education system. From this point of view, the prospect of further research will be the development of a methodology for conducting game activities to ensure the development of foreign language communicative competence as a key to achieving academic success.

Ukrainian scientists, namely Subota (2019), emphasize that the use of interactive technologies can qualitatively improve the practical abilities of students and serve as the basic principles of their development. Based on this approach, it is suggested to explore the combination of digital technologies with interactive ones. Modern socio-economic and geopolitical conditions create factors for the development of distance education. Therefore, the development of interactive technologies without the real presence of students is a priority in the modern scientific dimension.

The prospect of further research will be a comprehensive study of the quality of the use of interactive technologies in the formation of foreign language communicative competence of students of philological specialties. With their help, it is possible to qualitatively improve the educational process and the level of cognitive activity of students.

7 Conclusion

Thus, some conclusions can be drawn from the study on the peculiarities of using foreign language communicative competence of students of philological specialties. The use of interactive technologies stimulates the improvement of cognitive activity in the educational process. It can qualitatively improve the level of mastering the material through a high level of involvement in the educational process. The issue of forming the quality of knowledge acquisition is the possibility of gaining several key advantages by students at the level of analytical thinking, memory training, and group work. The experimental study shows an increased motivation to work on group projects, which is due to the social nature of a human being.

The formation of foreign language communicative competencies of students of philological specialties is a key basis for the development of modern tools of interactive technologies to increase real effectiveness. The conducted research makes it possible to conclude that in everyday communication with representatives of foreign cultures, the educational process is transformed into a practical one. Therefore, for European universities that use multicultural education at the Faculties of Philology, the priority is to encourage teamwork on projects.

The main principles of modern effective learning are interactive technologies, which are characterized by differentiated practices of their implementation. The modern scientific community should pay attention to the methods and methodology of using interactive technologies in the modern educational process.

Thus, the conducted research creates conditions for further scientific developments on the types of application of interactive technologies in the formation of foreign language communicative competence of students of philological faculties.

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Secondary Paper Section: AA