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TECHNOLOGY FOR DEVELOPING STUDENTS' SOCIO-COMMUNICATIVE COMPETENCE IN ENGLISH LANGUAGE EDUCATION IN THE FIELD OF SOCIAL SCIENCES

NAURUZBAEVA AYJAN SARSENBAEVNA
DOCTOR OF PEDAGOGICAL SCIENCES, PROFESSOR, DEPARTMENT OF PEDAGOGY, NUKUS STATE PEDAGOGICAL INSTITUTE.

KAIPBERGENOVA FERUZA TULEPBERGENOVNA
PHD, ASSOCIATE PROFESSOR, HEAD OF THE DEPARTMENT OF FOREIGN LANGUAGES, NUKUS STATE PEDAGOGICAL INSTITUTE (NSPI)

GAIPOV DILSHOD JUMABEKOVICH
PHD IN PEDAGOGICAL SCIENCES, LECTURER, DEPARTMENT OF PEDAGOGY, NUKUS STATE PEDAGOGICAL INSTITUTE

DAWEKEEVA AYDIN
PHD IN PEDAGOGICAL SCIENCES, ASSOCIATE PROFESSOR, DEPARTMENT OF PSYCHOLOGY, NUKUS STATE PEDAGOGICAL INSTITUTE

KUNNAZAROVA GULNAR ILESBAEVNA
ASSISTANT LECTURER, DEPARTMENT OF INTERFACULTY FOREIGN LANGUAGES, NUKUS STATE PEDAGOGICAL INSTITUTE

YEMBERGENOVA AYZADA ANSATBAEVNA
PHD IN PEDAGOGICAL SCIENCES, SENIOR LECTURER, DEPARTMENT OF "DISTANCE TEACHING OF HUMANITIES AND SOCIAL SCIENCES"

Abstract

The article examines the pedagogical technology aimed at developing students' socio-communicative competence in English language education within the field of social sciences. It highlights the importance of integrating communicative, sociocultural, and interactive approaches in the learning process to prepare students for effective participation in real-life communication and professional interaction. The study emphasizes that socio-communicative competence includes linguistic accuracy, pragmatic flexibility, and social awareness, which are essential for students' academic and professional success. The authors propose a technology based on student-centered learning, project-based methods, and digital tools that encourage collaboration, reflection, and self-assessment. The implementation of this technology has been shown to enhance students' motivation, communication skills, and intercultural understanding, contributing to their overall communicative competence and readiness for global communication.

Key Words: socio-communicative competence, English language education, social sciences, communicative approach, interactive learning, student-centered teaching, digital pedagogy, intercultural communication.

INTRODUCTION

In the context of globalization and the rapid development of information and communication technologies, the ability to communicate effectively in a foreign language has become one of the key indicators of professional and social success. In particular, English, as a global language, plays a crucial role in the academic, professional, and cultural integration of specialists in various fields, including the social sciences. The growing need for specialists who can not only use English accurately but also interact appropriately in diverse social contexts has given rise to the concept of *socio-communicative competence*. This competence encompasses not only linguistic knowledge but also the ability to interpret and respond to social cues, cultural norms, and communicative intentions in different intercultural situations.

In higher education, especially in the field of social sciences, the formation of students' socio-communicative competence in English language learning is both a pedagogical challenge and a practical necessity. Social science students are expected to participate in discussions, debates, interviews, and collaborative research, which require

advanced communicative skills, social awareness, and intercultural sensitivity. Consequently, English language education in this domain should not be limited to teaching grammar, vocabulary, and academic writing; rather, it should emphasize interactive and communicative learning experiences that promote students' ability to express ideas, negotiate meaning, and engage in meaningful dialogue.

The traditional model of foreign language teaching, which primarily focused on linguistic accuracy and grammatical correctness, no longer meets the demands of contemporary education. Modern English language pedagogy seeks to create an environment where communication serves as both the goal and the means of learning. In this regard, the integration of *pedagogical technologies*—that is, structured, research-based teaching methods supported by digital and interactive tools—plays a vital role in enhancing students' communicative competence. The use of technologies such as online collaborative platforms, simulation-based learning, project-based activities, and multimedia resources enables learners to participate actively in authentic communicative situations and to develop the skills necessary for effective interaction in real-life contexts.

The concept of socio-communicative competence, as proposed by scholars such as Hymes (1972), Canale and Swain (1980), and later developed by Celce-Murcia (2007), includes several interrelated components: linguistic, sociolinguistic, discourse, strategic, and pragmatic competences. These components collectively ensure that a language user can convey and interpret messages appropriately, taking into account the social and cultural context. In the field of social sciences, this becomes especially significant because communication often involves discussing abstract concepts, analyzing human behavior, interpreting cultural phenomena, and engaging in discussions about ethics, politics, or society. Thus, language education must prepare students not only to speak correctly but also to communicate meaningfully, persuasively, and ethically.

Developing socio-communicative competence among social science students requires a shift from teacher-centered instruction to student-centered learning environments. In such environments, learners become active participants who construct knowledge through interaction, collaboration, and reflection. This approach aligns with constructivist learning theory, which posits that knowledge is co-constructed through social interaction and experience. Teachers, in turn, act as facilitators who design communicative tasks, guide group work, and provide feedback that helps students develop autonomy and self-assessment skills. The integration of student-centered technologies—such as online discussion boards, virtual classrooms, role-playing simulations, and video-based reflection—enables the personalization of learning experiences and enhances engagement.

Furthermore, the development of socio-communicative competence is deeply connected to intercultural communicative competence. Social science students are often involved in discussions about global issues such as migration, climate change, social justice, and cultural diversity. Understanding and expressing opinions on these topics in English require not only linguistic proficiency but also cultural empathy and tolerance. Therefore, English language education must incorporate authentic materials, such as news reports, TED Talks, documentaries, and interviews, which expose students to diverse perspectives and communication styles. Through analyzing, discussing, and reflecting on such materials, students gain a broader worldview and learn to adapt their communication strategies to various sociocultural settings.

Another critical aspect of socio-communicative competence development is the use of *interactive learning technologies*. The integration of digital tools such as Zoom, Microsoft Teams, Google Classroom, and language learning platforms (e.g., Duolingo, Kahoot, Quizlet, Edmodo) has transformed English teaching and learning processes. These technologies allow students to participate in real-time discussions, collaborate on projects, and practice communicative tasks beyond the classroom. For instance, virtual debate sessions, online role-plays, or cross-institutional exchange projects provide authentic contexts for communication and strengthen learners' confidence in using English for professional and academic purposes. Moreover, digital technologies support differentiated learning, enabling teachers to accommodate students' individual needs, learning styles, and proficiency levels.

Socio-communicative competence also involves emotional intelligence—the ability to understand and manage one's own emotions and those of others during communication. This aspect is especially relevant for future social scientists, educators, and psychologists who must establish rapport, negotiate, and collaborate effectively. Thus, the pedagogical technology for developing socio-communicative competence should incorporate reflective and emotional components. Activities such as peer feedback, journaling, and self-assessment encourage students to analyze their communication styles, identify barriers to interaction, and work toward personal improvement.

In designing a pedagogical model for developing socio-communicative competence, several principles should be considered:

1. **Integration of communication and content:** English instruction should be content-based, connecting language learning with social science topics to enhance relevance and motivation.

2. **Task-based learning:** Real-life communicative tasks—such as interviews, discussions, and case studies—should form the basis of classroom activities.

3. **Interactivity and collaboration:** Group projects, peer feedback, and online collaboration promote cooperative learning and authentic communication.

4. **Reflective practice:** Self- and peer-assessment tools help learners develop awareness of their strengths and weaknesses.

5. **Technology integration:** Digital and multimedia resources create engaging, diverse, and authentic communicative environments.

In addition, the teacher's role in implementing this technology is not limited to delivering knowledge but extends to designing communicative contexts, managing interaction, and fostering learners' autonomy. Teachers should act as mentors who support students in navigating communicative challenges, developing intercultural sensitivity, and building confidence in expressing complex ideas. Professional development programs for teachers must therefore include training in digital pedagogy, communication psychology, and intercultural education to ensure the successful application of this approach.

In conclusion, the formation of socio-communicative competence in English language education for social science students is a multifaceted process that integrates linguistic, social, cultural, and technological components. The modern educational environment requires innovative teaching technologies that not only transmit knowledge but also create opportunities for meaningful communication and social interaction. By adopting a student-centered, interactive, and technologically supported approach, educators can prepare learners to communicate effectively in global academic and professional contexts, fostering their personal growth and professional readiness. The proposed technology for developing socio-communicative competence thus serves as an essential framework for modern English language education, aligning with the demands of 21st-century learning and global citizenship.

MATERIALS AND METHODS

The research on the technology for developing students' socio-communicative competence in English language education within the field of social sciences was conducted through a combination of qualitative and quantitative methods. This section outlines the research design, participants, materials, procedures, and analytical techniques applied in the study to ensure validity, reliability, and pedagogical relevance.

Research Design

A mixed-methods design was employed to provide a comprehensive understanding of how specific pedagogical technologies and approaches contribute to the development of socio-communicative competence. The research combined experimental classroom interventions with survey-based and observational data collection to measure both linguistic and socio-communicative progress. The experiment was carried out over the course of one academic semester and focused on applying an integrated technology-based communicative model in English language classes for social science students.

Participants

The study involved 96 undergraduate students from the Faculty of Social Sciences at Nukus State Pedagogical Institute. The participants were aged between 18 and 22 years and represented various disciplines, including sociology, pedagogy, psychology, and political science. The sample was divided into two groups: an experimental group (48 students) and a control group (48 students). Both groups had similar levels of English proficiency (B1–B2 according to the CEFR). The experimental group received instruction through a newly developed technology for socio-communicative competence development, while the control group followed the traditional communicative approach without extensive integration of digital tools.

Materials and Technological Tools

The educational materials used in the experiment were designed to integrate language learning with social science contexts. Authentic materials such as news articles, TED Talks, podcasts, documentaries, and academic interviews were utilized to simulate real-life communication scenarios. Supplementary resources included:

Learning Management Systems (LMS): Moodle and Google Classroom were used to distribute materials, manage assignments, and facilitate asynchronous discussions.

Interactive tools: Zoom, Padlet, Mentimeter, and Jamboard were used to support online collaboration and group discussions.

Language learning applications: Kahoot, Quizlet, and Flipgrid were applied to reinforce vocabulary, stimulate debate, and encourage reflection through video-based responses.

Project-based platforms: Canva and Google Docs were used for collaborative presentations, case studies, and group projects.

These digital tools served as integral components of the pedagogical technology, designed to promote interactive, reflective, and student-centered learning.

Procedures

The experiment followed four main stages:

Diagnostic Stage:

At the beginning of the semester, a pre-test was administered to both groups to determine their initial level of socio-communicative competence. The test included an oral interview, a written discourse task, and a self-assessment questionnaire based on the components of communicative competence (linguistic, sociolinguistic, pragmatic, and strategic).

Instructional Stage:

During the instructional phase, the experimental group engaged in tasks aligned with the proposed pedagogical technology. Activities included:

Role-plays and simulations: Students participated in social scenarios such as debates on social justice, interviews, and conflict resolution tasks.

Collaborative projects: Students worked in groups to research and present case studies related to education, psychology, or cultural diversity, integrating English as the medium of communication.

Online discussions and peer feedback: Using digital platforms, students posted opinions, commented on peers' reflections, and discussed contemporary global issues.

Reflective journals: Weekly reflective entries were collected to assess changes in students' communicative awareness and confidence.

The control group, in contrast, followed the standard syllabus focusing mainly on reading, writing, grammar, and controlled speaking practice, with minimal digital integration.

Evaluation Stage:

At the end of the semester, both groups completed a post-test identical in structure to the pre-test. In addition, semi-structured interviews were conducted with students and instructors from the experimental group to gain qualitative insights into their experiences and perceptions.

Analytical Stage:

The collected data were analyzed using both descriptive and inferential statistics. A comparison of pre-test and post-test results helped determine the degree of improvement in socio-communicative competence. Qualitative data from journals and interviews were coded thematically to identify recurring patterns related to motivation, engagement, and perceived effectiveness.

Assessment Criteria

Socio-communicative competence was assessed according to the following parameters:

Linguistic competence: vocabulary range, grammatical accuracy, and fluency.

Sociolinguistic competence: appropriateness of speech in various contexts and understanding of social norms.

Discourse competence: coherence and cohesion in extended speech and writing.

Strategic competence: ability to overcome communication difficulties through compensatory strategies.

Intercultural awareness: sensitivity to cultural differences in communication styles.

Each criterion was rated on a five-point scale based on a rubric adapted from the Common European Framework of Reference (CEFR) and previous research on communicative competence assessment (Byram, 1997; Celce-Murcia, 2007).

RESULTS INTERPRETATION

The experimental group demonstrated statistically significant improvement across all dimensions of socio-communicative competence compared to the control group. The most notable progress was observed in sociolinguistic and strategic competences, as students became more confident and flexible in expressing opinions, negotiating meaning, and managing discussions. Qualitative analysis revealed that students valued the interactive and technology-enhanced nature of the learning process, which increased motivation, reduced anxiety, and encouraged active participation.

CONCLUSION

The findings of the study confirm that the integration of pedagogical technologies into English language education effectively enhances the socio-communicative competence of students in the field of social sciences. The proposed technology, based on interactive, project-oriented, and reflective learning principles, provides a holistic framework for combining linguistic, social, and digital dimensions of communication.

One of the key conclusions of this research is that socio-communicative competence cannot be developed through traditional linguistic instruction alone. It requires authentic communication contexts that mirror real social interactions, allowing students to experience and reflect upon language as a tool for collaboration, persuasion, and cultural understanding. By embedding English learning within socially meaningful tasks and using digital platforms for collaboration, educators can create an immersive communicative environment where students learn by doing.

The experimental results demonstrated that technological integration—through video conferencing, digital collaboration, and online discussions—significantly increases learner engagement and communicative confidence. Students not only improved their language proficiency but also developed essential 21st-century skills such as teamwork, critical thinking, and digital literacy. These outcomes align with modern educational paradigms such as the *Communicative Language Teaching (CLT)* and *Task-Based Language Learning (TBLL)* approaches, which emphasize active learner participation and authentic communication.

Moreover, socio-communicative competence development is closely linked to learners' intercultural and emotional intelligence. Social science students must be capable of understanding multiple perspectives, respecting diversity, and communicating ethically. Therefore, English language education should integrate discussions on global issues, cultural identity, and social responsibility. This approach fosters empathy, tolerance, and cross-cultural dialogue—skills essential for future educators, sociologists, and policymakers.

The study also highlighted the pivotal role of the teacher as a facilitator, mentor, and designer of communicative experiences. Teachers who employ technology-enhanced pedagogy must possess not only linguistic expertise but

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also digital and intercultural competence. Professional development programs should, therefore, focus on training educators to design blended learning models, evaluate communicative progress, and support reflective learning.

Another important implication is the necessity of continuous assessment and feedback. Self- and peer-assessment methods empower students to monitor their progress, set personal learning goals, and become more autonomous. Reflective journals and performance-based assessment tools proved especially valuable for encouraging learners to analyze their communicative behavior and identify areas for improvement.

In conclusion, the research validates the effectiveness of a technology-enhanced pedagogical model for developing socio-communicative competence among social science students. The model fosters language learning as a social, interactive, and reflective process that prepares learners for academic and professional communication in a globalized world. By integrating communicative tasks, collaborative technologies, and reflective practices, English language education can move beyond linguistic training to nurture socially responsible, culturally aware, and communicatively competent individuals.

Future research should explore longitudinal effects of such technology-based instruction and examine how these skills transfer to real professional environments. Expanding this model to other disciplines and educational levels will further contribute to the development of holistic communicative education across higher education systems. Ultimately, fostering socio-communicative competence through modern pedagogical technology is not only a means of improving language proficiency but also a way of preparing students to become active, empathetic, and globally minded citizens of the 21st century.

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