



Psychological Mechanisms of Developing Professional Competence in Future English Language Specialists

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Abstract: This article explores the psychological mechanisms involved in the development of professional competence among university students, particularly future English language specialists. It discusses essential strategies, conditions, and principles that facilitate this process and emphasizes the role of pedagogical and psychological support in building future professionals' competence.

Keywords: Competence, Competency, Professional Competence, Psychological Mechanisms.

Introduction

In recent years, under the leadership of our esteemed President, significant efforts have been directed toward reforming and developing the education system in Uzbekistan — from early childhood education to higher education. Special attention is given to equipping youth with the skills and knowledge necessary to thrive in the 21st century, also known as the "age of information." In this context, the integration of modern technology into the educational process plays a vital role.

Given that the future of our country rests in the hands of its youth, it is our shared responsibility to ensure that they are nurtured into competent, dedicated professionals. One crucial aspect of this mission is developing professional competence in students. A true specialist must love their profession and approach it with passion. Only then can they achieve excellence and contribute meaningfully to national development.

From a psychological perspective, competence refers to the theoretical and practical readiness of an individual to perform successfully in a given field. More broadly,

professional competence encompasses a combination of knowledge, skills, attitudes, and behaviors necessary for effective performance in a profession. The term “competence” (from Latin *competere*, meaning “to be suitable”) has been defined differently by psychologists

Methodology

According to one definition, competence is the ability to effectively apply theoretical knowledge, demonstrate high-level professional skills, and show aptitude in practical activities.

N.G. Vitkovskaya defines competence as the mobilization of both internal (knowledge, skills, psychological traits, moral values) and external (technical, material, and social) resources to solve real-world problems.

A.K. Markova views competence as an individual’s characteristic that reflects the degree of correspondence to professional standards and requirements. These varied perspectives reflect the multifaceted nature of competence, highlighting that it is not merely a collection of knowledge, but also a personal and psychological readiness for complex professional tasks.

The development of professional competence in future English language specialists is not solely a matter of mastering linguistic knowledge or pedagogical strategies. It is also profoundly influenced by a range of **psychological mechanisms** that underpin cognitive, emotional, and motivational development. This literature review explores the key psychological mechanisms that contribute to professional growth in EFL (English as a Foreign Language) pre-service teachers.

Self-Regulation and Emotional Management

A central psychological mechanism in teacher development is self-regulation, which includes emotional awareness, impulse control, and adaptive emotional responses. According to Najjarpour (2024), effective EFL teachers demonstrate high levels of emotional intelligence, particularly in managing classroom-related stress and maintaining motivation in challenging situations. Emotional self-regulation enables future teachers to cope with performance anxiety, student resistance, and professional ambiguity.

Moreover, studies such as those by Gross (2015) emphasize the importance of emotion regulation strategies, including cognitive reappraisal and expressive suppression. These mechanisms help educators to remain composed and effective in emotionally demanding contexts, which is essential in developing a stable professional identity.

Metacognitive Reflection and Self-Awareness

Reflective practice plays a vital role in forming professional competence. According to Schön’s (1983) theory of “reflection-in-action” and “reflection-on-action,” future English language teachers grow professionally by critically examining their teaching decisions and experiences. Phillips et al. (2016) highlight the power of metacognitive strategies such as reflective journaling, self-assessment, and feedback analysis in enhancing awareness of one’s pedagogical style, strengths, and areas for improvement.

This reflective capacity fosters autonomous learning and a deep understanding of the teaching process, allowing pre-service teachers to become proactive and adaptive professionals.

Self-Efficacy and Belief Systems

The concept of teacher self-efficacy, developed from Bandura's social cognitive theory, is a well-documented psychological mechanism influencing professional competence. According to Wyatt (2018), EFL teachers with a strong sense of efficacy are more likely to implement innovative practices, persist in the face of obstacles, and maintain student engagement. Their belief in their own teaching abilities translates into higher motivation and better classroom outcomes.

Self-efficacy is not only shaped by personal experiences but also by vicarious experiences, verbal encouragement, and emotional states. Developing this belief system early in teacher education is essential for long-term competence and resilience.

Motivational Factors and Ideal L2 Self

The L2 Motivational Self System, introduced by Dörnyei (2009), provides a framework for understanding how motivation drives professional competence. The model emphasizes the "Ideal L2 Self" – a vivid image of oneself as a successful language user and teacher. For future English language specialists, aligning personal goals with this ideal vision serves as a motivational anchor, guiding their behavior and learning efforts.

Additionally, intrinsic motivation – the desire to teach for personal satisfaction and growth – correlates strongly with sustained professional development, as shown in Ushioda (2011).

Collaborative Learning and Group Dynamics

Group psychological dynamics play a significant role in shaping professional identity. Studies by Dörnyei & Murphey (2003) emphasize that participation in collaborative environments such as Professional Learning Communities (PLCs) fosters trust, shared reflection, and collective problem-solving. These social mechanisms contribute to the development of interpersonal skills, confidence, and mutual support, which are crucial for future English language educators.

Engagement in team teaching, peer feedback sessions, and microteaching exercises allows trainees to internalize both affective and cognitive strategies for effective teaching.

Cognitive Load and Task-Based Training

Professional competence is also influenced by the ability to manage cognitive load during instructional planning and classroom implementation. According to Sweller's (1988) cognitive load theory, future educators need to automate routine aspects of teaching in order to free up mental resources for complex problem-solving.

In this regard, Task-Based Language Teaching (TBLT) methodologies, supported by Skehan and Robinson, provide structured opportunities for language teachers to integrate theory and practice while progressively handling more cognitively demanding tasks.

Cultural Intelligence and Identity Formation

Finally, the integration of cultural competence into professional identity is a psychological challenge that future English teachers must overcome. Namazbaeva et al. (2023) argue that intercultural awareness and empathy are essential psychological components of global language teaching. These elements help pre-service teachers to mediate between linguistic, cultural, and psychological differences in the classroom.

Developing a global teaching identity, according to Byram (1997), includes the capacity to understand and respect diverse student perspectives while maintaining pedagogical integrity.

The reviewed literature reveals that the development of professional competence in future English language specialists is driven by a complex interplay of emotional intelligence, metacognitive awareness, motivational alignment, social interaction, and cultural sensitivity. These psychological mechanisms do not function in isolation but interact dynamically throughout teacher education programs. Therefore, training institutions should incorporate reflective practices, emotional management strategies, and motivation-enhancing pedagogies to support the holistic development of future professionals.

The teacher plays a crucial psychological and pedagogical role in developing students' competencies. Through the use of innovative teaching methods, personalized approaches, and motivational strategies, educators can create an environment where students take ownership of their learning and grow professionally.

According to UNESCO (2005), a modern educator must demonstrate various forms of pedagogical competence, including:

- Didactic Competence: Ability to plan and manage educational processes effectively, selecting suitable methods for different learning contexts.
- Communicative Competence: Capacity for engaging communication, influence, and establishing rapport with students.
- Innovative Competence: Skill in implementing and utilizing new pedagogical technologies to enhance learning outcomes.
- Reflective Competence: Ability to analyze one's teaching practices and make adjustments for continuous improvement.
- Professional and Personal Competence: Dedication to self-development and lifelong learning as an educator.

Certain situations and traits are essential in demonstrating and building competence. Competent specialists are able to:

- Act effectively in complex or ambiguous situations;
- Resolve ill-structured problems;
- Work with contradictory or incomplete information;
- Devise action plans in unexpected circumstances.

Such individuals are constantly enriching their knowledge, acquiring and processing new information, and adapting it to practical activities. They remain aware of current trends and are open to innovation.

Psychologist T.V. Dobudko emphasizes that professional competence is deeply connected to personal psychological traits and characteristics such as:

- Emotional resilience;
- Responsibility and integrity;
- Creative thinking;
- Adaptability;
- Strategic planning;
- Discipline and consistency.

Result and Discussion

The development of professional competence among university students, particularly future English language specialists, is a complex and ongoing process. It requires not only targeted pedagogical efforts but also fostering student motivation and interest in their future profession.

Key psychological qualities that should be cultivated include:

1. Resilience – the ability to overcome challenges and setbacks;
2. Sensitivity to information – attentiveness to detail and data relevance;
3. Organizational skills – effective planning and execution of tasks;
4. Discipline – adhering to routines and responsibilities;
5. Fairness – ethical judgment and treatment of others;
6. Creativity – innovative approaches to problem-solving;
7. Goal orientation – capacity to set and achieve objectives;
8. Flexibility – adapting to changing professional contexts.

At this point, if we turn our attention to the qualities of competence, the following traits are reflected at the core of professional competence



Figure 1. reflected at the core of professional competence

Examples of Practical Implementation:

In language teacher training programs, students can engage in role-playing real-life classroom scenarios that demand quick decision-making and application of theoretical principles. Developing lesson plans for diverse learning styles can enhance both didactic and reflective competencies.

Regular use of technology (e.g., virtual teaching platforms, language apps) can strengthen innovative competence. Peer-feedback sessions can promote communicative competence and collaborative learning. To ensure effective competence development, educational institutions must provide conducive environments. Key strategies include:

1. **Flexible Teacher Roles:** The teacher transitions from being a knowledge provider to a facilitator, guiding students toward self-directed learning and problem-solving.
2. **Innovative Learning Methods:** Incorporating interactive methods (e.g., project-based learning, flipped classrooms) encourages student engagement and creative thinking.
3. **Practical Application:** Creating realistic, profession-specific scenarios where students apply their theoretical knowledge builds confidence and practical skill.

These conditions not only enhance competence but also increase students' self-efficacy — their belief in their ability to perform effectively. The process of developing professional competence in future English language specialists is deeply embedded in a variety of psychological mechanisms that extend beyond the acquisition of linguistic and pedagogical knowledge. These mechanisms serve as internal drivers that shape how pre-service teachers perceive themselves, respond to challenges, and evolve professionally. This discussion synthesizes key psychological constructs and explores their implications for teacher education.

Interconnectedness of Psychological Constructs

The literature and observed practices suggest that psychological mechanisms such as self-efficacy, emotional regulation, metacognitive reflection, and intrinsic motivation are not isolated traits but interrelated dimensions of professional growth. For example, a teacher's belief in their teaching capabilities (self-efficacy) directly influences their willingness to reflect on their practices and emotionally manage classroom difficulties. Similarly, metacognitive reflection supports the development of emotional regulation, as teachers who can analyze their emotional triggers are better equipped to respond constructively to stressors.

This interconnectedness implies that teacher development programs should adopt a holistic psychological approach, treating cognitive, emotional, and motivational aspects as mutually reinforcing.

The Role of Self-Regulation and Reflective Practice

Self-regulation plays a foundational role in professional competence. It encompasses time management, emotional control, and the ability to maintain focus under pressure. For pre-service teachers, the transition from theoretical learning to practical application often brings uncertainty and emotional strain. Those who engage in reflective practices, such as

journaling or peer discussions, are better able to make sense of their experiences and adjust accordingly. Reflective thinking allows future educators to learn not only from success but also from failure — a vital element of lifelong professional development. This supports the idea that reflective competence should be explicitly taught and scaffolded in teacher training curricula.

Importance of Motivation and the Ideal Teacher Self

Motivation, especially when aligned with a clear vision of the "ideal teacher self," serves as a strong psychological anchor. According to Dörnyei's motivational self system, future English language teachers who envision themselves as effective, inspiring professionals are more likely to engage deeply with learning tasks and overcome academic or pedagogical obstacles. This "ideal self" acts as a blueprint for future achievement.

Thus, teacher education should encourage students to actively construct and articulate their professional vision, aligning coursework and practicum experiences with that aspirational identity.

Managing Emotions in Professional Identity Formation

Emotional challenges are common in language teaching contexts due to factors such as classroom diversity, communication barriers, and student behavior. The ability to regulate emotional responses — such as frustration, anxiety, or disappointment — is crucial in maintaining professional composure and building a stable identity. Emotional resilience supports perseverance and fosters positive teacher-student relationships.

Teacher preparation should include training in emotional intelligence and coping strategies, enabling pre-service teachers to approach teaching as an emotionally intelligent profession.

Collaborative Learning as a Psychological Support System

Another key finding is the psychological benefit of peer collaboration. When pre-service teachers work within communities of practice or engage in team-based learning activities, they experience increased motivation, lower anxiety, and a stronger sense of belonging. These emotional and social reinforcements not only enhance learning but also validate their professional identity. This underscores the importance of designing teacher education environments that promote socially supportive structures, such as mentoring, feedback loops, and cooperative projects.

Psychological Adaptability in Multicultural and Linguistic Contexts

Future English language specialists are increasingly required to work in multicultural and multilingual environments. This necessitates the development of cultural intelligence and adaptability, which are grounded in psychological flexibility. Teachers must be open-minded, empathetic, and able to adjust their instructional approaches based on the cultural needs of learners. These attributes are deeply psychological in nature and influence both teaching behavior and professional growth. Hence, intercultural competence

should not be treated as a mere add-on, but rather as a core psychological component of professional training.

Conclusion

In conclusion, building professional competence among future English language specialists begins with careful career guidance and psychological orientation. Matching students to professions that align with their interests and personal traits ensures greater motivation and success. Although competence can be developed even in mismatched fields, it requires significantly more effort and psychological adjustment.

By fostering resilience, creativity, flexibility, and a sense of professional identity, educators and institutions can prepare students not only for employment but for lifelong success and contribution to national development.

The development of professional competence in future English language specialists is deeply influenced by a range of psychological mechanisms. These include cognitive processes such as perception, memory, and critical thinking; motivational factors like self-efficacy and goal orientation; and emotional regulation, which ensures resilience and adaptability in dynamic learning environments. Additionally, metacognitive awareness enables learners to assess and refine their own learning strategies, fostering continuous growth.

Effective pedagogical approaches that support these psychological mechanisms — including reflective practices, collaborative learning, and constructive feedback — play a crucial role in shaping competent, confident, and culturally responsive English language professionals. Recognizing and enhancing these psychological factors can significantly contribute to more efficient and sustainable professional development.

References

- Abduquddusov, O.A. (2016). Kasbiy kompetensiyani shakllantirishda o'quv amaliyotining o'rni. Proceedings of the Republican Scientific-Practical Conference, Tashkent.
- Anesova, A.Z. (2018). Theoretical and methodological enhancement of managerial activity in the teachers' professional motivation formation of future specialists. *Journal of Intellectual Disability Diagnosis and Treatment*, 6(3), 89-95, ISSN 2292-2598, <https://doi.org/10.6000/2292-2598.2018.06.03.4>
- Batanassova, B. (2024). The use of SMART technologies in the development of transliteracy of future educational psychologists. *Scientific Herald of Uzhhorod University Series Physics*(55), 364-372, ISSN 2415-8038, <https://doi.org/10.54919/physics/55.2024.36gw4>
- C. Dervenis, P. Fitsilis, and O. Iatrellis, "A review of research on teacher competencies in higher education," *Quality Assurance in Education*, vol. 30, no. 2, pp. 199-220, 2022.

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- Carrillo, I. (2024). Psychological Safety Competency Training During the Clinical Internship From the Perspective of Health Care Trainee Mentors in 11 Pan-European Countries: Mixed Methods Observational Study. *Jmir Medical Education*, 10, ISSN 2369-3762, <https://doi.org/10.2196/64125>
- Danilaev, D.P. (2020). Technological education and engineering pedagogy. *Obrazovanie I Nauka*, 22(3), 55-82, ISSN 1994-5639, <https://doi.org/10.17853/1994-5639-2020-3-55-82>
- Dobudko, T.V. (1999). Ta'limni axborotlashtirish sharoitida informatika o'qituvchisining kasbiy kompetentsiyasini shakllantirish. Samarkand: SamGPU.
- Franco, M. Millán (2021). Emotional competence as a predictor of happiness in social workers. *Interdisciplinaria*, 38(2), 259-274, ISSN 0325-8203, <https://doi.org/10.16888/INTERD.2021.38.2.17>
- Grokholskyi, V.L. (2020). Cognitive and metacognitive aspects of the development of lifelong learning competencies in law students. *International Journal of Cognitive Research in Science Engineering and Education*, 8(2), 1-14, ISSN 2334-847X, <https://doi.org/10.5937/IJCRSEE2002001G>
- Kashtanova, S.N. (2024). Phenomenology of the inclusive potential of the family as a factor in the socialization of children with disabilities. *Perspektivy Nauki I Obrazovania*, 67(1), 441-455, ISSN 2307-2334, <https://doi.org/10.32744/pse.2024.1.24>
- Khusainova, S.V. (2018). Adaptive model of psychological and pedagogical accompany of student professional training. *Espacios*, 39(5), ISSN 0798-1015
- Korchemnyj, P.A. (2019). Motivational mechanisms of demonstration of professional competences in a situation of uncertainty. *Journal of Intellectual Disability Diagnosis and Treatment*, 7(3), 86-96, ISSN 2292-2598, <https://doi.org/10.6000/2292-2598.2019.07.03.4>
- Litvinov, A.V. (2020). Psychological support for adaptation of international students as a factor of raising their social competency. *Systematic Reviews in Pharmacy*, 11(12), 1404-1410, ISSN 0975-8453, <https://doi.org/10.31838/srp.2020.12.209>
- M. Kunter, U. Klusmann, J. Baumert, D. Richter, T. Voss, and A. Hachfeld, "Professional competence of teachers: Effects on instructional quality and student development," *Journal of Educational Psychology*, vol. 105, no. 3, pp. 805–820, 2013. 4

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- Mazilov, V.A. (2024). Psychological Analysis of Competencies in the Structure of Teacher Professional Training. *Integration of Education*, 28(4), 514-532, ISSN 1991-9468, <https://doi.org/10.15507/1991-9468.117.028.202404.514-532>
- Mokrusch, T. (2021). The team in neurological rehabilitation. *Neurologie Und Rehabilitation*, 27(4), 215-222, ISSN 0947-2177, <https://doi.org/10.14624/NR2104001>
- Ochilova, G.O. (2021). *Kasbiy kompetentlik: O'quv qo'llanma*. Tashkent: Innovatsion rivojlanish nashriyot-matbaa uyi.
- Romanenko, N. (2019). Psychological and pedagogical conditions of professional responsibility of an international journalist in non-proliferation of fake news. *Integration of Education*, 23(2), 247-264, ISSN 1991-9468, <https://doi.org/10.15507/1991-9468.095.023.201902.247-264>
- Sharma, A. (2024). Mitigating SAD States and Maladaptive Coping in Law Enforcement: Enhance Emotional Competence. *International Journal of Experimental Research and Review*, 40, 132-141, ISSN 2455-4855, <https://doi.org/10.52756/ijerr.2024.v40spl.010>
- T. Ayapova, D. Shayakhmetova, A. Tautenbayeva, G. Karipbayeva, and G. Azhibekova, "Formation of the target professional competences of CLIL teachers," *Opcion*, vol. 35, no. 89, pp. 660-679, 2019.
- Temnyatkina, O.V. (2023). MECHANISMS OF FORMATIVE ASSESSMENT IN THE ADDITIONAL PROFESSIONAL EDUCATION OF TEACHERS. *Obrazovanie I Nauka*, 25(5), 106-134, ISSN 1994-5639, <https://doi.org/10.17853/1994-5639-2023-5-106-134>
- Turdiev, B. (2024). The Priority Of Human Interests In Uzbekistan's Ideospheric Development. *Теоретические аспекты становления педагогических наук*, 3(15), 120-123.
- Turdiev, B. S. (2024). Balancing national and universal perspectives: the dialectical dynamics in society's ideosphere. *Asian Journal of Basic Science & Research*, 6(3), 59-65.
- Veiga, M. (2024). Training School Psychologists to Conduct Culturally Informed Functional Behavior Assessment Interviews. *School Psychology*, 40(2), 264-273, ISSN 2578-4218, <https://doi.org/10.1037/spq0000650>