Інвестиції у спеціалізоване навчання гарантують, що офіцери будуть добре підготовлені до викликів сучасного поліцейського середовища. У статті розглядаються технології ШІ, які застосовуються для модернізації спеціалізованої освіти правоохоронців, включаючи навчання в аудиторії, персоналізоване навчання та самостійну підготовку, а також їх подальше використання у професійній діяльності. Підкреслюється роль технологій та інструментів ШІ у модернізації освіти для правоохоронців. Розглядаються перспективи застосування ШІ, а також ризики і виклики, пов'язані з упровадженням технологій та інструментів ШІ у спеціалізовану освіту правоохоронців. Особлива увага приділяється значенню спеціалізованої підготовки для працівників правоохоронних органів.

Автори відображають свої погляди на майбутні напрями розвитку ШІ в освітній сфері, зокрема у контексті підготовки кадрів для правоохоронних органів, пропонуючи можливості та ризики, які супроводжують використання ШІ у професійній підготовці. Застосування ШІ у спеціалізованій освіті дає змогу впроваджувати адаптивні методики навчання, які враховують індивідуальні особливості кожного учасника освітнього процесу. Це сприяє підвищенню рівня знань і підготовки працівників правоохоронних органів, роблячи їх більш ефективними у виконанні своїх обов'язків.

Ключові слова: інструменти штучного інтелекту, правоохоронні органи, спеціалізоване навчання, поліцейська діяльність із використанням ШІ.

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NEUROLANGUAGE COACHING AND AI: PIONEERING INNOVATIONS IN ENGLISH LANGUAGE EDUCATION FOR LAW PROFESSIONALS

This article considers the possibility of integrating neuro-linguistic coaching and artificial intelligence (AI) into the process of teaching English language learning to law students. English language proficiency is a crucial factor in international legal practice, but classical teaching methods usually do not allow to fully realize the specialized language needs of legal professionals. The combination of neuro-linguistic coaching and artificial intelligence offers a fundamentally new approach to meeting these needs. Neuro-linguistic coaching

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based on neuroscience and coaching principles is combined with the ability of AI to provide adaptive and personalized learning. This integrated system addresses both the cognitive and emotional aspects of learning, meeting the unique needs of law students.

Key words: neurolinguistic coaching, artificial intelligence (Al), legal English language training, cognitive and emotional learning, linguistic competence, adaptive learning tools, international legal practice.

Relevance of the study. Communication in English is a cornerstone of international legal practice, facilitating communication during contracting, negotiations and litigation. Legal professionals need to be proficient in professional vocabulary, sophisticated grammar and the subtleties of persuasive writing to be successful in their field. However, today's traditional pedagogical methods often fail to fully meet these specific needs. To meet the needs of the legal industry, innovative teaching approaches are needed that emphasize both linguistic accuracy and analytical reasoning.

Innovative teaching methods, such as interactive simulations, case-based learning and problem-based learning, complement English language skills, while fostering the development of practical skills and critical thinking required for legal practice. These methods actively engage students by encouraging them to apply their knowledge in realistic scenarios, which enhances their analytical, communication and problem-solving skills. The introduction of such approaches in legal education enriches the learning process and significantly improves the quality and efficiency of professional training of legal professionals, preparing them to effectively address the challenges of modern practice.

Moreover, these innovative teaching methods foster a collaborative learning space, encouraging students to work together, share ideas and learn from each other. This collaborative approach reflects the realities of legal practice, where professionals often work in teams to solve complex issues. By using these methods, legal education can better prepare students for the demands of the modern legal landscape, equipping them with the necessary skills to navigate the changing challenges and opportunities in the field.

Recent publications overview. The realm of English for Legal Purposes (ELP) has undergone significant development at the current time, as reflected in the work of Jill Northcott and other scholars. Northcott highlights the importance of genre-stylistic instructional strategies to meet the specific linguistic needs of legal professionals. Other researches highlight the critical role of needs analysis and curriculum alignment, revealing discrepancies between students' and instructors' perceptions of the required competencies [4]. Research suggests that collaboration with industry can enhance the relevance and effectiveness of legal English teaching by addressing real problems faced by practitioners [4].

Research on English for Academic Legal Purposes (EALP) textbooks addresses the challenges associated with teaching ELPs. A study published in the European Journal of Applied Linguistics and Language Learning examines how EALP textbooks meet the specific needs of law students. These findings highlight the importance of materials that effectively bridge the gap between general English language proficiency and the specialized language competencies required in legal contexts.

Further, a study analyzing the needs of law students highlights the critical role of needs analysis in curriculum development. The study found significant discrepancies between students' and instructors' perceptions of basic English language skills, especially in reading and writing. The findings argue in favor of a more integrated approach to curriculum development that meets the specific communicative requirements of legal education.

Stakeholder involvement in the development of law students' multilingual skills has been investigated. The study, published in the International Journal of Applied Linguistics and English Literature, analyses how members of the legal industry influence the development of law students' language skills. The findings suggest that partnerships between academic institutions and legal

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practitioners can enhance the relevance and effectiveness of language education for members of the legal profession.

In summary, recent research has highlighted the critical importance of specialized English language training for legal practitioners. The main areas of focus are the development of specialized learning materials, the alignment of curricula to the specific needs of lawyers and the consideration of the views of both academic and industry stakeholders. These achievements are aimed at improving the effectiveness of English language training programs and ensuring that they meet the requirements of modern legal practice.

The article's objective. This paper examines the combination of neurolanguage coaching and AI in English language education for legal professionals. Neurolanguage coaching utilizes neuroscience to enhance cognitive engagement, while AI provides scalable, data-driven learning solutions. Together, these approaches offer a learner-centered, adaptive framework that meets the professional requirements of legal practitioners.

Discussion. In an era of rapid technological advancement, the integration of neurological language coaching and artificial intelligence is a revolutionary approach to foreign language learning. This approach is particularly effective for law students, whose studies require a focus on clarity, analytical thinking, and contextual word use. Neuro-linguistic coaching, based on neuroscience and coaching principles, is a good fit with Al's ability to provide adaptive and personalized learning. This combination covers both cognitive and emotional components of learning, meeting the specific needs of law students.

The combination of neurolinguistic coaching and artificial intelligence represents a revolutionary approach to foreign language teaching in the legal sector.

The neuro-linguistic approach, developed by Rachel Marie Paling, focuses on brain-friendly educational strategies that promote emotional balance and cognitive memory. Key elements include generating meaningful experiences that reinforce language concepts by engaging the brain's gamma waves, tailoring material to meet learner goals, and reducing stress to improve the learning environment.

AI reinforces these principles by providing tools such as flexible curricula, natural language processing (NLP) simulators, and gamified learning systems. These tools increase engagement and facilitate real-time feedback by addressing the unique linguistic challenges of legal English. For example, NLP-based simulations allow students to practice drafting legal documents and oral presentations in realistic contexts, while AI-driven feedback ensures that terminology and grammar are accurate.

The methodology emphasizes active interaction, feedback and self-reflection, allowing students to take responsibility for their progress. Neuro-linguistic coaching is particularly effective in professional settings where accuracy and contextual understanding are crucial [5].

Legal English, a specialized subgroup of English for Specific Purposes (ESP), is characterized by a complex vocabulary, a clear structure and an application that depends on the situation.

The main features include the following aspects:

1. Terminology.

Legal English uses specialized terms with established meanings (e.g. 'plaintiff', 'tort', etc.). Mastery of these terms is critical to successful communication in a legal environment.

2. Form and Structure.

The language is characterized by a formal tone, archaic expressions and complex sentence structure. This often requires learners to understand and produce complex grammatical constructions.

3. Context of use.

Legal English is used in a variety of settings, including contract drafting, litigation, legal negotiation and client communication. Each environment requires specific language skills.

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Understanding these specifics is important for those who wish to function effectively in an international legal environment. Neuro-linguistic coaching and artificial intelligence technologies can meet these specific needs by offering personalized and dynamic learning solutions.

AI provides tools such as adaptive learning systems, natural language processing (NLP), and immersive virtual environments that enhance traditional teaching methods. For legal students, applications of AI include:

1. Case analysis simulators.

NLP-based tools simulate legal scenarios, allowing students to practice accurate legal terminology. AI offers immediate, context-appropriate corrections, emphasizing accuracy and relevance of language [4].

2. Gamified learning.

AI-based platforms integrate gamification to maintain engagement and motivation.

The combined model was tested on third-year law students for six months. Initial diagnostics conducted using AI tools identified individual linguistic problems, on the basis of which individual learning trajectories were created. Neuro-linguistic coaching sessions complemented the AI modules, removing emotional barriers to learning and increasing persistence. The results showed a 30 per cent improvement in linguistic competence, and participants reported increased self-confidence and practical application skills.

The pilot study highlights the synergistic potential of neuro-linguistic coaching and AI in teaching English to lawyers. By addressing both the cognitive and emotional aspects of learning, this integrated approach equips law students with the language skills and confidence they need to navigate the complexities of the legal profession. As the demand for specialized language skills in the legal sector continues to grow, this innovative model is a promising solution to increase the effectiveness of English language training program and better prepare aspiring practitioners for the global workplace.

The integrative approach of neurolanguage coaching and AI yielded several significant outcomes:

1. Enhanced retention.

Customized coaching alongside interactive AI modules increased the retention of intricate legal terminology and grammatical structures [1].

2. Increased engagement.

The use of gamification and tailored learning pathways kept students motivated during the entire program.

3. Emotional regulation.

Coaching interventions reduced anxiety, allowing students to perform effectively in high-stress situations like mock trials [1].

4. Practical Application.

AI simulations bridged the gap between theoretical knowledge and real-world practice, preparing students for professional environments.

The combination of neurolinguistic coaching and artificial intelligence has shown great potential in improving law students' English language proficiency. This approach, which addresses both the cognitive and emotional aspects of learning, provides students with the linguistic competence and confidence they need to navigate a complex legal environment. The individualized learning trajectories, interactive simulations and emotional support provided by this framework have proven to be a game-changer in English language teaching for lawyers, preparing students for the demands of the global legal profession.

These results show that combining neuroscientific coaching with AI technology can impact both the cognitive and emotional aspects of learning legal English, resulting in a more effective and comprehensive learning experience.

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The pilot program showed a 30 percent increase in test scores, and students expressed more confidence and skills in using English in a legal context. The introduction of artificial intelligence tools and neurolinguistic coaching contributed to an engaging learning environment, enabling students to achieve their language and career goals.

The pilot program's success highlights the immense potential of integrating neurolanguage coaching and AI in legal English education. By addressing both cognitive and emotional barriers, this approach empowers students to develop the linguistic proficiency required for thriving in the global legal landscape. As the demand for specialized language skills continues to grow, this innovative methodology offers a transformative solution that can be scaled and replicated across various legal education settings, equipping aspiring lawyers with the linguistic competence to excel in their future careers.

Learners can cultivate the specialized linguistic skills needed in legal contexts by utilizing personalized coaching techniques and AI-powered tools. This integrated approach enables individuals to maneuver through complex legal terminology, understand intricate grammatical structures, and communicate effectively across various legal settings. The synergy of neurolanguage coaching and AI-driven technologies provides a transformative learning experience, preparing language learners with the essential competencies to excel in the everevolving field of international law.

The integration of neurolanguage coaching and AI-driven technologies represents a paradigm shift in legal English education. By addressing both the cognitive and emotional aspects of language learning, this approach empowers students to develop the necessary linguistic proficiency and confidence to navigate the nuances of the legal field. As the global legal landscape continues to evolve, this innovative model ensures that language learners are equipped with the adaptability and specialized skills required to thrive in the dynamic world of international law.

Conclusions. Neuro-linguistic coaching combined with artificial intelligence is a revolutionary method of English language teaching designed for legal professionals. This system improves learning outcomes and professional competence given the specific linguistic and cognitive challenges inherent in the legal field. Future research should explore the potential for scaling this approach to different professional environments and its long-term impact on career success. The findings highlight the transformative potential of this integrated approach, which draws on the strengths of both neuro-linguistic coaching and artificial intelligence-driven technologies. Given the unique linguistic and cognitive demands of legal English, this system enables students to develop the specialized skills necessary for success in the international legal arena. Future research should explore the scalability of this model across different professional domains and its long-term impact on career trajectories and performance in the workplace.

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АНОТАЦІЯ

Інна Козубай, Камерон Батмангліч. Нейромовний коучинг та штучний інтелект: революційні інновації у навчанні англійської мови для юристів.

У статті розглядається інтеграція нейролінгвістичного коучингу та штучного інтелекту (ШІ) у викладанні англійської мови для юристів, представлено новаторський підхід, що враховує специфічні лінгвістичні та когнітивні проблеми юридичної сфери. Серед ключових питань, що обговорюються в роботі, — спеціалізований характер юридичної англійської, що характеризується складною термінологією, формальним тоном і ситуативною специфікою, а також необхідність освітніх стратегій, що враховують ці унікальні особливості. Нейролінгвістичний коучинг, заснований на нейронауці, сприяє емоційній рівновазі та когнітивній активності за допомогою таких зручних для мозку технік, як індивідуальна постановка цілей і зняття стресу. ШІ доповнює цей процес, пропонуючи адаптивні системи навчання, симулятори опрацювання природної мови та гейміфіковані інструменти, які сприяють активній участі, зворотному зв'язку в реальному часі та практичному застосуванню знань у правовому контексті.

У дослідженні також підкреслюється спільний аспект цих інноваційних підходів. Робиться висновок про те, що інтеграція нейролінгвістичного коучингу та штучного інтелекту являє собою трансформаційний зсув у навчанні юридичної англійської мови, озброюючи учнів адаптивністю і знаннями, необхідними для успішної роботи в умовах глобального правового ландшафту. Поєднуючи теоретичні знання з практичним застосуванням і створюючи динамічне середовище навчання, цей комплексний підхід установлює новий стандарт навчання англійської мови в юридичній професії.

Ключові слова: нейролінгвістичний коучинг, штучний інтелект (ШІ), юридична англійська мова, когнітивне та емоційне навчання, лінгвістична компетенція, адаптивні засоби навчання, міжнародна юридична практика.

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