## THEORETICAL ASPECTS OF THE PROBLEM OF REFLEXIVE AND PROGNOSTIC COMPETENCE OF A PERSON

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The article examines the theoretical aspects of the problem of reflexive-prognostic competence of the individual. The purpose of the article is to highlight generalized information about the concept of 'reflexive-prognostic competence'. The essence of the concepts 'competence', 'reflection', 'reflexivity', 'reflexive competence', 'forecasting', 'prognostic competence', 'reflexive-prognostic competence' is revealed. Different interpretations of the phenomenon of 'competence' are given, it is noted that this concept is studied in detail not only in scientific papers but also in real life. It is established that the competence is aimed at ensuring the process of using the knowledge and skills gained in experience to solve certain problems. The essence and correlation of the terms 'reflection' and 'reflexivity' are clarified. It is determined that reflexivity is a broader concept than reflection; reflexivity is the quality of personality that defines reflection as a process; reflexivity is the ability to reflect. In the study, we understand reflexivity as the ability to mental activity that helps individuals identify with the social environment. In the course of theoretical analysis it is established that the reflexive competence of the individual arises and develops only in activity, interaction and communication, which is manifested in the individual's awareness of goals, objectives, consequences of their actions and decisions, the need for reflective activity. It was found that one of the important components of the reflexive competence of an individual is the ability to predict future life, because the regulation of behavior cannot be done without building a model of the future. The analysis of the definitions of the concept of 'forecasting' has shown that it is a complex phenomenon that determines the prospects for the development of a phenomenon or event. Thanks to forecasting, a person is able to control their own activities. The theoretical analysis of sources on the problem of forecasting revealed that the prognostic competence of an individual consists of the ability to predict performance, in relationships with others, as well as in relation to their own health. The article defines the concept of 'reflexive-prognostic competence', namely: integrative professional quality of personality, based on a system of reflexive-prognostic knowledge, skills, abilities and promotes purposeful understanding of the content of the inner world, in order to anticipate the probable changes from their actions and choose the most appropriate solutions to problems.

## References

- 1. Anfalov, E.V. (2016). Teoreticheskie aspekty problemy formirovaniia refleksivno-prognosticheskoi kompetentsii u kursantov voennykh vuzov [Theoretical Aspects of the Problem of the Formation of Reflective-Prognostic Competence among Cadets of Military Universities]. Vestnik Cheliabinskogo gosudarstvennogo pedagogicheskogo universiteta [Bulletin of the Chelyabinsk State Pedagogical University], no. 3, pp. 9-15. (In Russian).
- 2. Bondarenko, T. & Kameneva, G. (2019). *Pedagogicheskie usloviia yeffektivnogo formirovaniia refleksivnoi kompetentsii studentov pri obuchenii matematiki* [Pedagogical conditions for the effective formation of students' reflective competence in teaching mathematics]. *Science for Education Today.* Vol. 9, no. 2, pp. 96-107. (In Russian).
- 3. Halushchak, M.P., Halushchak, O.Ya. & Kuzhda, T.I. (2021). *Prohnozuvannia sotsialno-ekonomichnykh protsesiv* [Forecasting of socio-economic processes]. Ternopil, Palianytsia Publ., 160 p. (In Ukrainian).
- 4. Zimniaia, I.A. (2004). *Kliuchevye kompetentnosti kak rezultativno-tselevaia osnova kompetentnostnogo podkhoda v obrazovanii* [Key competencies as a result-target basis of the competency-based approach in education]. Moscow, Issledovatelskii tsentr problem kachestva podgotovki spetsialistov Publ., 42 p. (In Russian).
- 5. Karpov, A.V. (2004). *Psikhologiia refleksivnykh mekhanizmov deiatelnosti* [Psychology of reflexive mechanisms of activity]. Moscow, Institut psikhologii RAN Publ., 424 p. (In Russian).

- 6. Klimenko, I.V. (2018). Antytsypatsiina spromozhnist yak component prohnostychnoi kompetentnosti kursantiv maibutnikh pravookhorontsiv [Anticipatory ability as a component of prognostic competence of cadets of future law enforcement officers]. Psykholohichnyi chasopys [Psychological Journal], no. № 1 (11), pp. 61-70. (In Ukrainian).
- 7. Kovaleva, T.M. (2003). *Innovatsionnaia shkola: aksiomy i gipotezy* [Innovative school: axioms and hypotheses]. Moscow, Izdatelstvo Moskovskogo psikhologo-sotsialnogo instituta Publ. (In Russian).
- 8. Kurhanov, R.I. & Seliukova, T.V. (2017). *Refleksiia ta refleksyvnist yak psykholohichni fenomeny. Osoblyvosti vydiv ta typiv refleksii kursantiv NUTsZU* [Reflection and reflexivity as psychological phenomena. Features of types and types of reflection of NUTSZU cadets]. *Osobystist, suspilstvo, zakon: psykholohichni problem ta shliakhy ikh rozviazannia: materialy konferentsii* [Personality, society, law: psychological problems and ways to solve them: proceedings of the conference]. Kharkiv, KhNUVS Publ., pp. 181-183. (In Ukrainian).
- 9. Nechai-Velkova, N. (2017). *Dyferentsiatsiia poniat "kompetentnist" i "kompetentsiia" v zrizakh novykh osvitnikh standartiv* [Differentiation of the concepts of "competence" and "competence" in the sections of new educational standards]. *Pedahohika formuvannia tvorchoi osobystosti u vyshchii i zahalnoosvitnii shkolakh* [Pedagogy of creative personality formation in higher and general education schools], issue 56-57 (109-110), pp. 275-281. (In Ukrainian).
- 10. Puzikov, D.O. (2018). Prohnozuvannia rozvytku zahalnoi serednoi osvity: riven uchytelia [Forecasting the development of general secondary education: the level of teachers]. Ukrainskyi pedahohichnyi zhurnal [Ukrainian pedagogical journal], no. 3, pp. 67-74. (In Ukrainian).
- 11. Regush, L.A. (1997). *Psikhologiia prognozirovaniia: sposobnost, ee razvitie i diagnostika* [Psychology of forecasting: ability, its development and diagnostics]. Moscow, 88 p. (In Russian).
- 12. Rzhevska, N. (2011). *Politychne ta stratehichneprohnozuvannia: sut i oznaky* [Political and strategic forecasting: essence and features]. Politychnyi menedzhment [Political management], no. 6, pp. 37-42. (In Ukrainian).
- 13. Saifullina, N.A. & Valeeva, R.A. (2019). *Prognosticheskaia kompetentnost budushchikh pedagogov: obzor sovremennogo sostoianiia problem* [Prognostic competence of future teachers: a review of the current state of the problem]. Education and Self Development, vol. 14, no. 3, pp. 140-149. (In Russian).
- 14. Sokurenko, V., Shvets, D. & Uvarov, V. (2018). *Prohnostychna kompetentnist pravookhorontsiv u konteksti yikhnoi hotovnosti do innovatsiinoi diialnosti* [Prognostic competence of law enforcement officers in the context of their readiness for innovation]. *Science and Education*, issue 3, pp. 85-91. (In Ukrainian).
- 15. Chebotarov, I.O. (2015). Etymolohiia poniattia kompetentnist v anhlomovnykh dzherelakh [Etymology of the concept of competence in English sources]. Naukovi zapysky kafedry pedahohiky [Scientific notes of the department of pedagogy], issue XXXVIII, pp. 278-291. (In Ukrainian).
- 16. Shadrikov, V.D. (2014). *Mysl, myshlenie i soznanie* [Thought, thinking and consciousness]. *Mir psikholohii* [The world of psychology], no. 1, pp. 17-32. (In Russian).
- 17. Sharavara, V.V. (2020). Formuvannia prohnostychnoi kompetentnosti studentiv yak suchasna naukova problema [Formation of prognostic competence of students as a modern scientific problem]. Visnyk Universytetu imeni Alfreda Nobelia. Pedahohika i psykholohiia. Pedahohichni nauky [Bulletin of the Alfred Nobel University. Pedagogy and psychology. Pedagogical sciences], issue 1 (19), pp. 331-336. (In Ukrainian).
- 18. Archer, M.S. (2007). Making Our Way through the World: human reflexivity and social mobility. Cambridge: Cambridge University Press Publ. Available at: http://dx.doi.org/10.1017/CBO9780511618932
- 19. Burgoyne J.G. & Pedler M. (2005). Valuing leadership development: A practices & challenge approach. *Organisations & People*, vol. 12, № 1, pp. 49-68.
- 20. Dubois D. (1998). The competency casebook. Amherst, MA: HRD, & Silver Spring MD: International Society for Performance Improvement. 400 p.
- 21. Karecki M. (2002). Reflexive competence and the construction of meaning: the contribution of higher theological studies in a globalised milieu. South African Journal of Higher Education, vol. 16, no. 1, pp. 145-151.

- 22. Merzon, E.E., Nurgatina, I.E. & Bakhayeva, G.M. (2015). The Technology of Teacher Reflexive Competence Development in Modern Conditions. Review of European Studies, vol. 7, no. 4, pp. 112-116.
- 23. Minor B., Cook D.J. Forecasting Occurrences of Activities. *Pervasive and Mobile Computing*, 2016. No. 38. DOI: 10.1016/j.pmcj.2016.09.010
- 24. Mulder M. (2007). Competence the essence and use of the concept in ICVT. *European Journal of Vocational Training*, vol. 40, issue 5, pp. 5-22.
- 25. Petko, L., Lebid, O., Lesyk, A., Harkusha, I., Kryzhanovskyi, A. Application of the project method in the preparation of students of chemical specialties to improve their environmental competence. *IOP Conference Series: Earth and Environmental Science*, 2022, vol. 949, issue 1, pp. 6. Doi:10.1088/1755-1315/949/1/012026
- 26. Tomassini M. & Zanazzi S. (2014). Reflexivity and Self-development of Competencies as Key Drivers in Individuals' Learning and Career Paths: cases from Italy. Research in Comparative and International Education, vol. 9, no. 3, pp. 301-312. Available at: http://dx.doi.org/10.2304/rcie.2014.9.3.301
- 27. Tardif J. et al. In J.-P. Goulet (dir.). (1995). Le développement des compétences, cadre conceptuel pour l'enseignement, Enseigner au collégial, Montréal, pp. 91-136.
- 28. Weinert F.E. (2001). Concept of competence: A conceptual clarification. *Defining and selecting key competencies*. Kirkland, Wash.: Hogrefe & Huber Publ., pp. 45-65.

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