Раздел 2. Педагогические науки

34. Solodikhina M. V., Solodikhina A. A. Development of critical thinking of master's degree students using STEM cases // The Education and Science Journal, 2019, vol. 3, no. 21, pp. 125–153. DOI: 10.17853/1994-5639-2019-3-125-153. URL: https://www.scopus.com/authid/detail.uri?authorId=25030550200

35. Slameto U. Developing Critical Thinking Skills through School Teacher Training 'Training and Development Personnel' Model and Their Determinants of Success // International Journal of Information and Education Technology, 2014, vol. 4, no. 2, p. 161-166. DOI: 10.7763/IJIET. URL: https://www.researchgate.net/publication/273777358_Developing_Critical_Thinking_Skills_through_School_Teacher_Training_iTraining_and_Development_Personnel'_Model_and_Their_Determinants_of_Success

36. Осадчук О. Л., Рыбакова Н. Н. Организация практико-ориентированной подготовки будущих педагогов профессионального обучения в вузе // Архитектурно-строительный и дорожно-транспортный комплексы: проблемы, перспективы, инновации: сб. материалов III международной научно-практической конференции. Омск: Изд-во СибАДИ, 2019. С. 559–562. URL: https://elibrary.ru/ item.asp?id=36883100

Информация об авторах

Осадчук Ольга Леонидовна

Кандидат педагогических наук, доцент, доцент кафедры инженерной педагогики. Сибирский государственный автомобильно-дорожный университет (СибАДИ) (644080, РФ, г. Омск, пр. Мира, 5). ORCID ID: https://orcid.org/0000-0002-1749-6087. Scopus Author ID: 57221050111. Web of Science ResearcherID: Q-9198-2018, SPIN-код: 9059-5385, РИНЦ Author ID: 401371. E-mail: 00158@mail.ru

Рыбакова Наталья Николаевна

Кандидат педагогических наук, доцент, зав. кафедрой инженерной педагогики. Сибирский государственный автомобильно-дорожный университет (СибАДИ) (644080, РФ, г. Омск, пр. Мира, 5). ORCID ID: https://orcid.org/0000-0003-2331-7572. SPIN-код: 8603-4289, РИНЦ Author ID: 657002. E-mail: mat-rb@list.ru

O. L. Osadchuk¹, N. N. Rybakova¹

¹Siberian State Automobile and Highway University, Omsk, Russian Federation

Shaping professional identity of future teachers in reflexive training conditions

Abstract. The problem of the research is to determine the ways of shaping professional identity of future teachers. The aim of the research is to provide theoretical justification and experimental verification of the effectiveness of reflexive learning as a way of forming the professional identity of future teachers. The subjective approach to the formation of professional identity of future teachers is used. Psychological testing of university students-future teachers-was conducted. The analysis of the literature on the problem of formation of professional identity of future teachers is carried out. The study of the process of formation of professional identity of teachers is widely reflected in the works of modern researchers. The achieved professional identity determines the successful functioning of a person not only in the profession, but also in a non-professional environment. Professional identity is a property of the subject that characterizes the significance of future professional activity as a means of satisfying their needs. Reflexive learning involves the awareness of the subjects of learning (future teachers) of their own semantic features and ways of activity, identifying educational increments. The project of the lesson is presented; it includes the following techniques of critical thinking development technology ensuring the organization of future teachers reflexive training: "Basket of ideas", "Filling in the table", "Guiding text", "Brainstorming". These techniques are ways to shape the future teachers professional identity, since they require students to display a reflexive position in relation to themselves as a subject of pedagogical activity. The results of psychological testing, proving the effectiveness of the formation of professional identity of future teachers in the conditions of reflexive learning, are analyzed. Methodological techniques of critical thinking development technology are ways of organizing reflexive training of future teachers. Reflexive learning has a positive impact on the formation of the professional identity of future teachers.

Keywords: professional identity, reflection, reflexivity, reflexive learning, critical thinking.

Paper submitted: January 18, 2021.

For citation: Osadchuk O. L., Rybakova N. N. (2021). Shaping professional identity of future teachers in reflexive training conditions. The Science of Person: Humanitarian Researches, vol. 15, no. 1, pp. 85–94. DOI: 10.17238/issn1998-5320.2021.15.1.10.

References

1. Povarenkov YU. P. Psychological characteristics of the professional identity of the subject of labor. Bulletin of the Kostroma State University named after N. I. Nekrasov. Series: Pedagogy. Psychology. Social work. Juvenile science. Sociokinetics, 2014, vol. 20, no. 3, pp. 9–16. (In Russian).

2. Berberyan A. S., Bogdanova T. V., Sil'chenkova S. V., Ermolaeva E. B., Vardanyan N. T. International research of professional identity of a teacher. Humanitariy: actual problems of humanitarian science and education, 2019, vol. 19, no. 3, pp. 306–319. DOI: 10.15507/2078-9823.047.019.201903.306-319. (In Russian).

3. Berezina T. S. Formation of professional identity of a teacher. Pedagogical education and science, 2008, no. 7, pp. 24–26. (In Russian).

4. Tomer G., Mishra S. K. Professional identity construction among software engineering students. Information Technology & People, 2016, vol. 29, no. 1, pp. 146–172 (in English).

5. Ivanova N. L. Professional identity of undergraduate students: problems of formation. Psychology of Education, 2015, no. 12, pp. 16–27. (In Russian).

6. Schneider L. B. Professional identity: the experience of theoretical and experimental research: monograph. Moscow, Publ. Prometheus, 2004, 334 p. (In Russian).

7. Malyutina T. V. Professional identity, its structure and components. Omsk Scientific Bulletin, 2014, no. 5 (132), pp. 149–152. (In Russian).

8. Bugajchuk T. V. Professional identification of the future teacher at the present stage of education development: structure and characteristics. International Research Journal, 2013, no. 8 (15), part 2, pp. 126–128. (In Russian).

9. Ermolaeva E. P. Multidisciplinary approach in the person-profession-society model. Institute of Psychology of the Russian Academy of Sciences. Organizational psychology and labor psychology, 2017, vol. 2, no. 1, pp. 3–22. (In Russian).

10. Klimenko L.V., Posuhova O.YU. Professional identity of school teachers in the conditions of precariatization of social and labor relations in large cities of Russia. Education issues, 2018, no. 3, pp. 36–67. DOI: 10.17323/1814-9545-2018-3-36-67. (In Russian).

11. Lebedeva E. V., Zavodchikov D. P. Professional identity and trans-perspective of professional development of future teachers. Scientific dialogue, 2018, no. 12, pp. 452–464. DOI: 10.24224/2227-1295-2018-12-452-464. (In Russian).

12. Revunova I. V., Gavrilova I. V. The study of the features of the professional identity of teachers depending on the degree of familiarization with the profession. Modern studies of social problems, 2017, vol. 8, no. 11, pp. 126–135. (In Russian).

13. Mishchenko T. V. Formation of professional identity among students of a pedagogical university: dis. ... cand. psychological sciences. Yaroslavl, 2005, 224 p. (In Russian).

14. Regush N. L. Professional identity of a teacher at different stages of pedagogical activity: dis. ... cand. psychological sciences. Saint-Petersburg, 2002, 167 p. (In Russian).

15. Rodygina U. S. Psychological features of students' professional identity. Psychological Science and Education. 2007, no. 4, pp. 39–48. (In Russian).

16. Belova S., Arsaliev Sh., Khazykova T. On Formation Of Professional Identity Of Future Teachers: Methodology Of Integrity. Social and Cultural Transformations in the Context of Modern Globalism: collection of scientific articles SCTCMG 2019: International Scientific Conference, 2019, vol. 76, pp. 334–340. DOI: 10.15405/epsbs.2019.12.04.47 (in English).

17. Dundyuk V. O. Formation of professional identity of future teachers of mathematical disciplines in higher educational institutions. Eastern European Journal Of Science, 2015, vol. 4, no. 2, pp. 113–118. DOI: 10.15405/ epsbs.2019.12.04.47 (in Ukrainian).

18. Lukiyanchuk A. M. Model of professional identity development of future teachers. Problems of modern psychology: collection of scientific articles Institute of psychology named after G. S. Kostyuk APN of Ukraine. Ed. by S. D. Maksimenko. Is. 7. Kiev, Publ. Institute of psychology named after G. S. Kostyuk, 2010, pp. 370–380 (in Ukrainian).

19. Rus C., Tomsa A., Rebega O., Apostol L. Teachers' Professional Identity: A Content Analysis. Procedia – Social and Behavioral Sciences. 2013, no. 78, pp. 315-319. DOI: 10.1016/j.sbspro.2013.04.302 (in English).

20. Slobodchikov V. I., Isaev E. I. The main stages of the development of human subjectivity. Fundamentals of psychological anthropology: training manual for universities. Moscow, Publ. School press, 2015, 385 p. (In Russian).

21. Karpov A. V. Reflexivity as a mental property and methods of its diagnosis. Psychological Journal, 2015, vol. 24, № 5, pp. 45–57. (In Russian).

22. Stăncescu I., Drăghicescu L. M., Petrescu A-M. A., Gorghiu G. Reflective Practice in the Context of Teachers' Continuous Professional Development. Pro Edu. International Journal of Educational Sciences, 2019, no. 1 (1), pp. 5–14 (in English).

23. Stecenko I. A. Formation of pedagogical reflection in the system of higher pedagogical education. Innovative projects and programs in education, 2014, no. 4. pp. 37–40. (In Russian).

Раздел 2. Педагогические науки

24. Ottesen E. Reflection in teacher education. Reflective Practice, 2007, vol. 8, no. 1, pp. 31-46. DOI: 10.1080/14623940601138899 (in English).

25. Kayapinar U. A study on reflection in in-service teacher development: Introducing reflective practitioner development model. Kuram ve Uygulamada Egitim Bilimleri, 2016, no. 16 (5), pp. 1671–1691. DOI: 10.12738/estp. 2016. 5.0077 (in English).

26. Ustyuzhina A. YU. Development of professional and pedagogical reflection in future teachers of vocational training. The world of science, culture, and education, 2019, no. 2 (75), pp. 263–266. (In Russian).

27. Bekhoeva A. A. Designing a program for developing professional teacher-training reflection of future teachers on the basis of a reflexive activity approach. National Psychological Journal, 2017, no. 1, pp. 56–63. (in English).

28. Metaeva V. A. Development of professional reflection in postgraduate education: methodology, theory, practice: dis. ... doctor of pedagogical sciences. Yekaterinburg, 2006, 357 p. (In Russian).

29. CHupina V. A., Fedorenko O. A. Theory and practice of professional pedagogical reflection: monograph. Yekaterinburg, Publ. RGPPU, 2019, 200 p. (In Russian).

30. Zair-Bek S. I., Mushtavinskaya I. V. Developing critical thinking in the classroom: a guide for teachers. Moscow: Publ. Education, 2011, 223 p. (In Russian).

31. Chupina V., Pleshakova A., Konovalova M. Methodological and Pedagogical Potential of Reflection in Development of Contemporary Didactics. International Journal of Environmental & Science Education, 2016, vol. 11, no. 14, pp. 6988–6998 (in English).

32. Lloyd M., Bahr N. Thinking Critically about Critical Thinking in Higher Education. International Journal for the Scholarship of Teaching & Learning, 2010, vol. 4, no. 2, pp. 17–19 (in English).

33. Bećirović S., Hodžić F., Brdarević-Čeljo A. The Problems of Contemporary Education. Critical Thinking Development in the Milieu of High School Education. European Journal of Contemporary Education, 2019, vol. 8, no. 3, pp. 469–482. DOI: 10.13187/ejced.2019.3.469 (in English).

34. Solodikhina M. V., Solodikhina A. A. Development of critical thinking of master's degree students using STEM cases. The Education and Science Journal, 2019, vol. 3, no. 21, pp. 125–153. DOI: 10.17853/1994-5639-2019-3-125-153 (in English).

35. Slameto U. Developing Critical Thinking Skills through School Teacher Training 'Training and Development Personnel' Model and Their Determinants of Success. International Journal of Information and Education Technology, 2014, vol. 4, no. 2, pp. 161-166. DOI: 10.7763/IJIET (in English).

36. Osadchuk O. L., Rybakova N. N. Organization of practice-oriented training of future teachers of vocational training in higher education. Architectural and construction and road transport complexes: problems, prospects, innovations: collection of scientific articles of the III International Scientific and practical Conference. Omsk, Publ. SibADI, 2019, pp. 559–562. (In Russian).

Information about the authors

Olga L. Osadchuk

Cand. Sc. (Pedagogy), Associate Professor. Siberian State Automobile and Highway University (5 Mira Ave., Omsk, 644080, Russian Federation). ORCID ID: https://orcid.org/0000-0002-1749-6087. Scopus Author ID: 57221050111. Web of Science ResearcherID: Q-9198-2018, SPIN-code: 9059-5385, РИНЦ Author ID: 401371. E-mail: 00158@mail.ru

Natalya N. Rybakova

Cand. Sc. (Pedagogy), Associate Professor. Siberian State Automobile and Highway University (5 Mira Ave., Omsk, 644080, Russian Federation). ORCID ID: https://orcid.org/0000-0003-2331-7572. SPIN-code: 8603-4289, РИНЦ Author ID: 657002. E-mail: mat-rb@list.ru

© О. Л. Осадчук, Н. Н. Рыбакова, 2021