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**Federal State Autonomous Educational Institution of Higher Education
PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA
NAMED AFTER PATRICE LUMUMBA
RUDN University**

Institute of Russian Language

(educational division (faculty/institute/academy) as programme developer)

Russian Language Department No 2

(department realizing the PhD program)

COURSE SYLLABUS

Professional Education: Methodology and Technology

(course title)

Scientific specialty:

5.8.7. Methodology and Technology of Vocational Education

(scientific specialty code and title)

The PhD student's internship is implemented within the PhD programmes:

Professional Education: Methodology and Technology

(PhD program title)

1. DISCIPLINE (MODULE) GOAL

Mastering the discipline “Professional Education: Methodology and Technology” is aimed at forming a theoretical and methodological basis necessary for the scientific, pedagogical and other professional activities of a graduate student, as well as at preparing for qualifying examinations for the Candidate's degree.

2. REQUIREMENTS TO PHD-STUDENTS ON FINISHING THE COURSE

The discipline provides for acquiring knowledge, skills, abilities, and experience in the field of theoretical and methodological foundations, methodology of professional education, theory and practice of organizing the educational process in professional education.

Upon completion of the course, graduate students will develop knowledge and skills in goal-setting, planning, analysis, reflection, and self-assessment of professional activities in education

Graduate students will have proficiency in

- fundamental knowledge of modern methodology and technology of professional education, its place in the system of pedagogical sciences;
- the conceptual framework of professional education, the stages of its development;
- the content, methods, and technologies of professional education;
- understanding of the main trends in the development of professional education in Russia and globally.

Graduate students will acquire the skills of:

- theoretical analysis of the results of experimental research in the field of pedagogy, methods of experimental planning and processing of results, systematization and generalization of both existing literature and independently obtained research information;
- independent research activity in a scientific specialty 5.8.7. Methodology and Technology of Vocational Education;
- teaching the main educational programs of higher education;
- management of students' educational activities;
- implementation of didactic design of the educational process;
- measuring and assessing the level of development of students' competencies.

Graduate students will be able to:

- select the necessary teaching materials and design the educational content in professional disciplines;
- select and effectively use educational technologies, methods, and teaching aids to ensure the planned level of personal and professional development.

3. WORKLOAD OF THE DISCIPLINE AND TYPES OF ACTIVITIES

The overall workload of the discipline «**Methodology and Technology of Professional Education**» is 4 credit units (144 academic hours).

Types of activities	Total ac. hrs.	Semesters
		3
<i>Classroom activities (total), including:</i>		60
Lectures (LC)		30
Laboratory activities (LA)	–	–
Practical lessons/Seminars (PC)		30
<i>Independent work</i>		48
<i>Intermediate certification (test with assessment/exam)</i>	36	36
Overall workload	ac. hrs.	144
	credits	4

4. CONTENT OF THE DISCIPLINE

Name of the discipline section	Contents of the section (topic)	Type of study work
Section 1. Theoretical and methodological foundations of professional education.	Theme 1.1. The modern state of professional education. Place of professional pedagogy in the system of pedagogical sciences. The structure, function and principles of professional education, its components and their interrelation.	Lecture
	Theme 1.2. The functioning and development of international, national, regional and local professional education systems. Professional education in different countries.	Seminar
	Theme 1.3. Development of professional education system. Evolution of pedagogical ideas and practices, their influence on modern educational practice of training specialists in Russia and globally.	Lecture
	Theme 1.4. Current trends and prospects for the development of professional education.	Seminar
	Theme 1.5. Theoretical-methodological relationship and continuity of general and professional education. Levels of professional education.	Lecture
	Theme 1.6. Legislative and regulatory framework of professional education in Russia and globally.	Seminar
Section 2. Methodology of professional education	Theme 2.1. Conceptual apparatus of professional education	Lecture
	Theme 2.2. Methods and organization of professional education research.	Lecture
	Theme 2.3. Methodological approaches in professional pedagogy, their application in the pedagogical systems modeling and the study of the professional education development trends.	Lecture
	Theme 2.4. Competent approach in professional training. "Competency" and "competence". "Professionalism" and "competence" of a teacher.	Lecture
	Theme 2.5. The main professional education models in Russia and globally.	Seminar
	Theme 2.6. Standardization of professional activities and professional qualifications assessment: country differences.	Seminar
Section 3. Innovations in professional education	Theme 3.1. Innovations in educational activity. Modern innovative technologies and methods in educational practice, evaluation of their effectiveness and expediency. Design, implementation and expertise of innovative projects in professional education.	Lecture

	Theme 3.2. Innovations in professional education in Russia and globally.	Seminar
	Theme 3.3. Principles, algorithms of design and use of educational technologies in university educational process.	Seminar
	Theme 3.4. Training teachers to work in inclusive education settings. Inclusive professional education practices in Russia and globally.	Seminar
Section 4. Theory and practice of organizing the educational process in educational organizations of professional education.	Theme 4.1. Theory and practice of teaching in the system of professional education. Design of the content of professional education, relationship between content, methods and technologies.	Lecture
	Theme 4.2. Teaching technologies (interactive, project-based, business games, case studies, gamification, digitalization, AI, augmented reality, etc.)	Lecture
	Theme 4.3. Education technologies. Professional training and additional professional education in Russia and globally.	Seminar
	Theme 4.4. Professional education quality management. Pedagogical assessment in professional education. Tools for monitoring the education quality. Expertise on quality in an educational organization.	Lecture
	Theme 4.5. Educational policy in the field of professional education in Russia and globally.	Seminar
	Theme 4.6. The teacher as a subject of scientific and pedagogical detail. Professional competence of the teacher. Requirements for pedagogical staff.	Seminar
	Theme 4.7. Educational environment of professional educational organizations, its development, quality criteria, key components and features. Building an individual educational trajectory. Digital educational environment.	Lecture
	4.8. Interaction between professional education organizations and the labor market in Russia and globally.	Seminar
	4.9. Professional self-determination and career guidance. Supporting students' career choices.	Seminar

5. EQUIPMENT AND TECHNOLOGY SUPPORT REQUIREMENTS

Room Type	Room Equipment	Specialized educational / laboratory equipment, software and materials for mastering the discipline
Lecture Hall	An audience equipped with specialized furniture, a board (screen), and multimedia presentation equipment is required for conducting lecture-type classes.	projector, computer
Class for Seminars	Room for seminar-type classes, equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets	projector, computer
Self-Work Class	Room for self-working (can be used for lecture and seminars activities), equipped with a set of specialized furniture, board (screen) and technical / multimedia gadgets and computers with an access to EIPES	not necessary

6. METHODOLOGICAL SUPPORT AND LEARNING MATERIALS

Main readings:

Fedorov V. A., Tretyakova N. V. The development of vocational pedagogical education in Russia (organizational and pedagogical aspect) / V.A. Fedorov, N.V. Tretyakova // International Journal of Environmental & Science Education. – 2016. – Vol. 11. – No. 17. – 9803-9818.

Kuteneva, I. E. Application of Problem Situations of Communicative Orientation in the Process of Preparing Future Managers for Intercultural Interaction in Content and Language Integrated Learning (CLIL)» [electronic resource]/ I. E. Kuteneva // International Research Journal. — 2022. — № 11 (125). — URL: <https://research-journal.org/archive/11-125-2022-november/10.23670/IRJ.2022.125.10>

Широколобова, А. Г. Цифровая дидактика: от теории к практике эффективного обучения в системе высшего профессионального образования : учебно-методическое пособие по дисциплине "Методология и технология профессионального образования" для аспирантов направления подготовки 5.8.7 "Методология и технология профессионального образования" [электронный ресурс] / А. Г. Широколобова. – Кемерово : КузГТУ, 2026. – URL: <http://library.kuzstu.ru/meto.php?n=92020&type=utchposob:common>.

Цифровая дидактика: технологии и инструменты обучения в системе высшего образования : методические указания для аудиторной и самостоятельной работы аспирантов по дисциплине «Методология и технология профессионального образования» для обучающихся направления подготовки 5.8.7 Методология и технология профессионального образования [электронный ресурс]. – Кемерово : КузГТУ, 2025. – URL: <http://library.kuzstu.ru/meto.php?n=10991>

Технология профессионально-ориентированного обучения в высшей школе : учебное пособие / П. И. Образцов, А. И. Уман, М. Я. Виленский ; под ред. В. А. Сластенина. — 3-е изд., испр. и доп. — Москва : Издательство Юрайт, 2023. — 258 с. — ISBN 978-5-534-07122-1 // Образовательная платформа Юрайт [сайт]. — URL: <https://urait.ru/bcode/514366>.

Методика профессионального обучения : учебное пособие [электронный ресурс]/ В. И. Блинов [и др.] ; под общей редакцией В. И. Блинова. — Москва : Издательство Юрайт, 2020. — 219 с. — ISBN 978-5-534-05089-9. - ЭБС Юрайт [сайт]. — URL: <https://urait.ru/bcode/453834>.

Блинов, В. И. Методика преподавания в высшей школе : учебно- практическое пособие / В. И. Блинов, В. Г. Виненко, И. С. Сергеев. — Москва : Издательство Юрайт, 2023. — 315 с. — ISBN 978-5-534-02190-5. — Текст : электронный // Образовательная платформа Юрайт [сайт]. — URL: <https://urait.ru/bcode/510942>.

Additional readings:

Арсланов, Р.Э. Информатизация профессионального образования через внедрение модели центра иммерсивных технологий / Р.Э. Арсланов, Л.А. Шунина, А.В. Гриншкун, А.А. Большаков [электронный ресурс] // Вестник Российского университета дружбы народов. Серия: Информатизация образования. – 2023. – Т. 20. – No 1. – С. 78–92. <http://doi.org/10.22363/2312-8631-2023-20-1-78-92> URL: https://mega.rudn.ru/MegaPro/UserEntry?Action=Link_FindDoc&id=510325&idb=0

Богуславский, М. В. XX век российского образования / М. В. Богуславский [электронный ресурс]. – Москва : ПЕР СЭ, 2002. – 320 с. – URL: <https://biblioclub.ru/index.php?page=book&id=233222>. – ISBN 5-9292-0078-5.

Вербицкий, А.А. Тестирование в образовании: проблемы и перспективы / А.А. Вербицкий, Е.Е. Креславская // Педагогика. – 2012. – № 8. – С. 3-13.

Гершунский, Б. С. Философия образования для XXI века (в поисках практико-ориентированных образовательных концепций) / Б. С. Гершунский. – Москва : Совершенство, 1998.

Звонников, В.И., Челышкова, М.Б. Современные средства оценивания результатов обучения / В.И. Звонников, М.Б. Челышкова. – М., 2008. – 18 с.

Зиневич, О. В. Глобализация и интернационализация высшего образования : учебное пособие [электронный ресурс] / О. В. Зиневич. – Новосибирск : Новосибирский государственный технический университет, 2016. – 168 с. – URL: <https://biblioclub.ru/index.php?page=book&id=576802>. – ISBN 978-5-7782-2931-0.

Индивидуализация учебно-воспитательного процесса в условиях вузовского социума / Т. Д. Молодцова, Т. Д. Скуднова, В. В. Гура [и др.] ; под ред. Т. Д. Молодцовой [электронный ресурс]. – Таганрог, 2012. – 200 с. – URL: <https://biblioclub.ru/index.php?page=book&id=614753>. – ISBN 978-5-87976-789-6.

История педагогики и образования. От зарождения воспитания в первобытном обществе до конца XX в. : учеб. пособие / под ред. А. И. Пискунова. – 2-е изд., испр. и доп. – Москва : Сфера, 2005.

Макарова, Н. С. Дидактика высшей школы. От классических оснований к постнеклассическим перспективам : монография / Н. С. Макарова, Н. А. Дука, Н. В. Чекалева. — 2-е изд., перераб. и доп. — Москва : Издательство Юрайт, 2023. — 172 с. — ISBN 978-5-534-10420-2 // Образовательная платформа Юрайт [сайт]. — URL: <https://urait.ru/bcode/51740>.

Мешкова, Л.Л. Управление содержанием профессионального образования цифровой эпохи как перспективная проблема / Л. Л. Мешкова, Т. А. Перескокова, В. П. Соловьев // Высшее образование сегодня. – 2021. – № 4. – С. 8 - 13.

Мотивация и стимулирование трудовой деятельности : Учебник и практикум / С. Ю. Трапицын, А. П. Панфилова, Е. Н. Агапова [и др.]. – 2-е издание, переработанное и дополненное. – Москва : Издательство Юрайт, 2024. – 362 с. – ISBN 978-5-534-17962-0. – EDN JBXYUN.

Ступина, С. Б. Деятельностная педагогика в профессиональном образовании : учебно-методическое пособие [электронный ресурс] / С. Б. Ступина. — Саратов : СГУ, 2019. — 252 с. — ISBN 978-5-292-04624-0. — Лань : электронно-библиотечная система. — URL: <https://e.lanbook.com/book/170580>.

Татур, Ю. Г. Высшее образование : методология и опыт проектирования : учеб.- метод. Пособие для подготовки специалистов по направлению "Педагогика профессионального образования" / Ю. Г. Татур. — Москва : Логос, 2006. — 256 с. — URL: <http://www.biblioclub.ru/book/84742/>

Internet sources:

ELS RUDN University and third party EBS, to which university students have access based signed contracts:

- RUDN Electronic Library System, <http://lib.rudn.ru/MegaPro/Web> ;

- ELS University Library Online, <http://www.biblioclub.ru> ;
- EBS Urayt, <http://www.biblio-online.ru> ;
- ELS Student Consultant, <http://www.studentlibrary.ru> ;
- EBS Lan, <http://e.lanbook.com> ;
- EBS Trinity Bridge <http://www.trmost.ru>

Databases and search engines:

- Electronic fund of legal and normative-technical documentation, <http://docs.cntd.ru> ;
- Yandex search system [https:// www .yandex.ru](https://www.yandex.ru) ;
- Google search system <https://www.google.com> ;
- Reference database Scopus , <http://www.elsevierscience.ru/products/scopus>

Educational and methodological materials for students ' self-work studying the discipline / module:

A course of lectures on the discipline “Professional Education: Methodology and Technology”.

7. ASSESSMENT TOOLKIT AND GRADING SYSTEM FOR MIDTERM ATTESTATION OF STUDENTS IN THE DISCIPLINE (MODULE)

Assessment toolkit and a grading system to evaluate the level of competences (competences in part) formation as the course results are specified on the TUIS platform.

DEVELOPERS:

Head of Russian Language Department No2
PhD, Associate Professor

M.N. Kunovski

HEAD OF THE DEPARTMENT

Director of Institute of Russian Language

N.V. Pomortseva