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Federal State Autonomous Educational Institution

higher education "Peoples' Friendship University of Russia"

Academy of engineering

(name of the main educational unit (OUP) - the developer of the OP VO)

PRACTICE PROGRAM

Pedagogical Practice

(name of practice)

Internship

(type of practice: educational, industrial)

Recommended MSTs for the direction of training / specialty:

**2.3.1. System Analysis, Control and Information Processes / Системный анализ,
управление и обработка информации (на англ. языке)**

(code and name of the direction of training / specialty)

The development of the discipline is carried out as part of the implementation of the postgraduate program:

**System Analysis, Control and Information Processes / Системный анализ,
управление и обработка информации**

2022 г.

1. PURPOSE OF THE PRACTICE

The purpose of the "Pedagogical practice" is the formation and development of postgraduate students' skills in teaching, planning, organizing and conducting the educational process in higher educational institutions, acquiring the skills of working in a scientific and pedagogical team.

2. REQUIREMENTS FOR LEARNING OUTCOMES ON THE RESULTS OF PRACTICE

As a result of passing the "Pedagogical practice", the graduate student must:

Know modern methods, approaches, trends in teaching and education in higher education.

To be able to conduct practical and seminar classes in specialized disciplines for students.

Possess the primary skills of modeling classes, drawing up programs and projects, planning individual classes and developing an educational course, as well as an effective strategy for organizing classes.

3. THE PLACE OF PRACTICE IN THE STRUCTURE OF OP VO

"Pedagogical practice" refers to the educational component of the curriculum.

4. SCOPE OF PRACTICE

The total labor intensity of the "Pedagogical Practice" is 5 credits (180 academic hours).

5. PRACTICE CONTENT

*Table 5.1. Practice content**

Name of practice section	Contents of the section (topics, types of practical activities)	Labor intensity, acc.h.
Organizational and preparatory	Receiving an individual task for practice from the head	2
	Workplace safety briefing (laboratory and/or production)	1
Basic	Acquaintance with the educational work of the Department of Mechanics and Control Processes	10
	Development of teaching materials	72
	Conducting classes and implementing the developed teaching aids	72
	Current control of the internship by the head	4
	Keeping an internship diary	4
Preparation of a practice report		10
Preparation for defense and defense of the practice report		5
TOTAL:		180

6. LOGISTICS AND TECHNICAL SUPPORT FOR PRACTICE

To conduct pedagogical practice, it is necessary to have lecture audiences, audiences for practical, laboratory and seminar classes.

For the successful implementation of Pedagogical practice, you need: a workplace, a computer, a printer, a library fund.

There is access to computer classes for processing materials collected by a graduate student during the practice.

Postgraduate students are also given the opportunity to use the Internet in an educational institution.

For students from among persons with disabilities and / or belonging to the category of "disabled", if necessary, the head of the practice develops individual tasks, a plan and procedure for passing the practice, taking into account the peculiarities of their psychophysical development, individual capabilities and health status, an educational program adapted for these students (if any) and in accordance with individual programs for the rehabilitation of disabled people

7. WAY TO DO PRACTICE

«Pedagogical practice» can be carried out both in the structural divisions of the RUDN University or in organizations of Moscow (stationary), and at bases located outside of Moscow (exit).

Conducting an internship on the basis of an external organization (outside the RUDN University) is carried out on the basis of an appropriate agreement, which specifies the terms, place and conditions for conducting an internship in the base organization.

The timing of the practice corresponds to the period indicated in the calendar training schedule of the OP VO. The timing of the internship can be adjusted upon agreement with the Department of Educational Policy and the Department for the Organization of Practices and Employment of Students at RUDN University.

8. EDUCATIONAL-METHODOLOGICAL AND INFORMATION SUPPORT FOR PRACTICE

Main literature:

1. Development of professionalism of a teacher of higher education. study method. allowance. Ed. 2nd, ster./ V. S. Agapov [and others]. http://lib.rudn.ru/MegaPro2/UserEntry?Action=Rudn_FindDoc&id=470098&idb=0.
2. Miroshnichenko N. A., Stefanov S. A. To help a young teacher. method. allowance / N. A. Miroshnichenko, S. A. Stefanov. - Odessa: Legal Literature, 2003.-92 p.
3. Skok G.B., Lygina N.I. How to design the educational process for the course: Study guide. Ed. second, revised and additional - M.: Pedagogical Society of Russia. 2017. - 96s. http://lib.rudn.ru/MegaPro2/UserEntry?Action=Rudn_FindDoc&id=470098&idb=0
4. Lapaeva M.G., Lapaev S.P.; Ministry of Education and Science of the Russian Federation, Federal State Budgetary Educational Institution of Higher Education "Orenburg State University". - Orenburg: OSU, 2017. - 249 p.: ill. - Bibliography. in book. - ISBN 978-5-7410-1791-3; [Electronic resource]. – URL: <http://biblioclub.ru/index.php?page=book&id=485476> (05/06/2018).\
5. Management of the quality of education: Practice-oriented monograph and methodological manual / Ed. MM. Potashnik. M., 2016. URL: <http://biblioclub.ru/index.php?page=book&id=230540>.

Additional literature:

1. Local acts of the Federal State Autonomous Educational Institution of Higher Education RUDN University
2. Work programs of the disciplines of the Department of Mechanics and Control Processes in the directions 01.03.02, 01.04.02 "Applied Mathematics and Informatics", 03.27.04, 04.27.04 "Control in Technical Systems", 02.04.02 "Fundamental Informatics and Information Technologies"

Resources of the information and telecommunications network "Internet":

1) RUDN Electronic Library System (ELS) and third-party ELS, to which university students have access on the basis of concluded agreements:

- EBS RUDN University <http://lib.rudn.ru/MegaPro/Web>
- ELS "University Library Online" <http://www.biblioclub.ru>
- EBS "Urayt" <http://www.biblio-online.ru>
- ELS "Student Consultant" www.studentlibrary.ru
- EBS "Lan" <http://e.lanbook.com/>
- EBS "Trinity Bridge"

2) Databases and search engines:

- electronic fund of legal and normative-technical documentation <http://docs.cntd.ru/>
- Yandex search engine <https://www.yandex.ru/>
- Google search engine <https://www.google.ru/>
- abstract database SCOPUS <http://www.elsevierscience.ru/products/scopus/>




Educational and methodological materials for internship, filling out a diary and preparing an internship report *:

- 1) Rules for safe working conditions and fire safety during the passage of the "Pedagogical practice" (initial briefing).
- 2) The general arrangement and principle of operation of technological production equipment used by students during their internship; flow charts and regulations, etc. (if necessary).
- 3) Guidelines for filling in the student diary and preparing a practice report.

9. EVALUATION MATERIALS AND SCORE-RATING SYSTEM FOR ASSESSING THE LEVEL OF FORMATION OF COMPETENCES ON THE RESULTS OF PRACTICE

Evaluation materials and a point-rating system* for evaluating the level of competencies (part of competencies) based on the results of passing the "Pedagogical practice" are presented in the Appendix to this Practice Program (module).

DEVELOPERS:

Associate Professor, DMCP		Saltykova O.A.
HEAD OF: DMCP		Razoumny Y.N.
HEAD OF EP: Associate Professor, DMCP		Saltykova O.A.

