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**Federal State Autonomous Educational Institution
of Higher Education "Peoples' Friendship University of Russia named after Patrice
Lumumba"
Academy of Engineering**

(name of the main educational unit (PMU) - the developer of the EP HE)

INTERNSHIP PROGRAM

Technological Practice

(name of the internship)

Internship

(type of practice: educational, industrial)

Recommended by the ICSC for the field of study/specialty:

27.03.04 Control in Technical Systems

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

Practical training of students is carried out as part of the implementation of the main professional educational program of higher education (EP HE):

Data Engineering and Space Systems Control

(name (profile/specialization) of the EP HE)

1. PURPOSE OF THE INTERNSHIP

The purpose of the Technological Practice is to deepen, systematize and consolidate theoretical knowledge, as well as to obtain professional skills and abilities in the field of scientific research in solving practical problems related to the field of information technology, computer technology and modern programming technologies, cybersecurity of information systems, as well as in the field of application of these tools with a professional focus on the study of processes management in information systems and information protection.

The objectives of the practice are:

- training in the organization and planning of production and technological activities;
- training in the collection, processing, analysis and systematization of world-class scientific and technical information, including in foreign languages;
- gaining experience in using standard professional software products focused on solving design, technological and scientific problems;
- gaining experience of active interaction with colleagues in the production and technological field of activity;
- preparation of scientific and technical reports, reviews and other materials based on the results of the research performed.

2. REQUIREMENTS FOR THE RESULTS OF TRAINING BASED ON THE RESULTS OF THE INTERNSHIP

Technological practice is aimed at the formation of the following competencies (parts of competencies) in students:

Table 2.1. List of competencies formed in students during the internship (learning outcomes based on the results of the internship)

| Cipher | Competence | Indicators of Competency Achievement (within the framework of this discipline) |
|--------|---|--|
| GC-1 | He is able to search, critically analyze and synthesize information, apply a systematic approach to solving problems. | GC-1.1. Analyzes the task, highlighting its basic components; GC-1.2. Determines and ranks the information required to solve the problem; GC-1.3. Searches for information to solve the problem by various types of requests; GC-1.4. Works with scientific texts, distinguishes facts from opinions, interpretations, evaluations and substantiates his/her conclusions using the philosophical conceptual apparatus; GC-1.5. Analyzes and contextually processes information to solve problems with the formation of their own opinions and judgments; GC-1.6. Offers options for solving the problem, analyzes the possible consequences of their use; GC-1.7. Analyzes the ways of solving the problems of the worldview, moral and personal character based on the use of basic philosophical ideas and categories in their historical development and socio-cultural context. |

| Cipher | Competence | Indicators of Competency Achievement (within the framework of this discipline) |
|--------|---|---|
| GC-2 | Is able to determine the range of tasks within the framework of the goal and choose the best ways to solve them, based on the current legal norms, available resources and restrictions | GC-2.1. Formulates a problem, the solution of which is directly related to the achievement of the project goal; GC-2.2. Determines the links between the tasks set and the expected results of their solution; GC-2.3. Within the framework of the tasks set, determines the available resources and limitations, the current legal norms; GC-2.4. Analyzes the schedule for the implementation of the project as a whole and chooses the best way to solve the tasks, based on the current legal norms and available resources and restrictions; GC-2.5 Monitors the progress of the project, adjusts the schedule in accordance with the results of control. |
| GC-3 | Able to carry out social interaction and fulfill his role in a team | GC-3.1. Determines his role in the team, based on the strategy of cooperation to achieve the goal; GC-3.2. Formulates and takes into account in its activities the features of the behavior of groups of people identified depending on the set goal; GC-3.3. Analyzes the possible consequences of personal actions and plans their actions to achieve a given result; GC-3.4. Exchanges information, knowledge and experience with team members; GC-3.5. Argues his point of view regarding the use of the ideas of other team members to achieve the goal; GC-3.6. Participates in teamwork to fulfill assignments. |
| GC-6 | Able to manage their time, build and implement a trajectory of self-development based on the principles of lifelong learning | GC-6.1. Controls the amount of time spent on specific types of activities GC-6.2. Develops tools and methods for time management when performing specific tasks, projects, goals GC-6.3. Analyzes his resources and their limits (personal, situational, temporal, etc.) for the successful completion of the task. GC-6.4. Finds and uses sources of additional information to improve the level of general and professional knowledge GC-6.5. Analyzes the main opportunities and tools of continuing education in relation to one's own interests and needs, taking into account the conditions, means, personal capabilities, stages of career growth, time perspective for the development of activities and the requirements of the labor market GC-6.6. Defines the tasks of self-development, goals and priorities of professional growth GC-6.7. Distributes tasks into long-, medium- and short-term with justification of relevance and analysis of resources for their implementation |
| GC-12 | Is able to: search for the necessary sources of information and data, perceive, analyze, remember and transmit information using digital means, as well | GC-12.1. Searches for the necessary sources of information and data, perceives, analyzes, remembers and transmits information using digital means, as well as with the help of algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems |

| Cipher | Competence | Indicators of Competency Achievement (within the framework of this discipline) |
|---------------|---|--|
| | as with the help of algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data | GC-12.2. Evaluates information, its reliability, builds logical conclusions on the basis of incoming information and data |
| GPC-1 | Is able to analyze the tasks of professional activity on the basis of provisions, laws and methods in the field of natural sciences and mathematics | GPC-1.1 Has basic knowledge gained in the field of mathematical and (or) natural sciences GPC-1.2 Knows how to use them in professional activities GPC-1.3 Has the skills to choose methods for solving problems of professional activity based on theoretical knowledge |
| GPC-2 | Is able to formulate the tasks of professional activity on the basis of knowledge, profile sections of mathematical and natural science disciplines (modules) | GPC-2.1 Possesses mathematical methods, basics of programming and specialized programming systems for the implementation of algorithms for solving applied problems GPC-2.2 Is able to select and adapt mathematical methods and software to solving practical problems GPC-2.3 Possesses the skills of developing and implementing algorithms for solving applied problems in the field of professional activity |
| GPC-3 | Able to use fundamental knowledge to solve basic management problems in technical systems in order to improve professional activities | GPC-3.1 Knows the theoretical foundations and principles of mathematical modeling GPC-3.2 Knows how to develop and use methods of mathematical modeling, information technology to solve problems of applied mathematics GPC-3.3 Possesses practical skills in solving problems of applied mathematics, methods of mathematical modeling, information technologies and the basics of their use in professional activities, skills of professional thinking and an arsenal of methods and approaches necessary for the adequate use of modern mathematics methods in theoretical and applied problems |
| GPC-4 | Able to assess the effectiveness of management systems developed on the basis of mathematical methods | GPC-4.1 Knows the basic requirements of information security, existing information and communication technologies GPC-4.2 Is able to solve the problems of professional activity using information and communication technologies and taking into account the basic requirements of information security GPC-4.3 Possesses the skills of using existing information technologies to solve the problems of professional activity |
| GPC-5 | Able to solve the problems of the development of science, engineering and technology | GPC-5.1 Knows the theoretical foundations of digital technologies, the basics of modeling objects of professional activity, the basics of data analysis and |

| Cipher | Competence | Indicators of Competency Achievement (within the framework of this discipline) |
|---------------|---|--|
| | in the field of management in technical systems, taking into account the legal regulation in the field of intellectual property | information presentation GPC-5.2 Is able to solve problems of professional activity using existing methods of modeling, data analysis, and information presentation GPC-5.3 Possesses the skills of developing algorithms and computer programs suitable for practical application |
| GPC-9 | Is able to perform experiments according to specified methods and process the results using modern information technologies and technical means. | GPC-9.1 Knows modern information technologies and technical means GPC-9.2 Knows how to use modern information technologies and technical means to process the results of experiments GPC-9.3 Possesses modern information technologies and technical means for performing experiments and processing the results |
| GPC-10 | Able to develop (on the basis of current standards) technical documentation (including in electronic form) for routine maintenance of systems and means of control, automation and management | GPC-10.1 Knows the current standards for the development of technical documentation for routine maintenance of systems and means of control, automation and management GPC-10.2 Knows the basic approaches to the development of technical documentation (including in electronic form) for routine maintenance of systems and means of control, automation and management GPC-10.3 Possesses the skills to develop (based on current standards) technical documentation (including in electronic form) for routine maintenance of systems and means of control, automation and management |
| GPC-11 | Able to understand the principles of modern information technology and use them to solve professional problems | GPC-11.1 Knows digital methods and technologies used in professional activities GPC-11.2 Is able to apply digital methods and technologies in professional activities to study and model objects of professional activity, analyze data, and present information GPC-11.3 Confidently owns digital methods and technologies in professional activities (in the field of management in technical systems) for: studying and modeling objects of professional activity, data analysis, presenting information |
| PC-1 | Able to collect, process and interpret modern scientific research data necessary to form conclusions on relevant scientific research, including Earth remote sensing data | PC-1.1 Knows modern methods of how to collect, process and interpret modern scientific research data necessary to form conclusions from relevant scientific research PC-1.2 Knows how to apply modern methods and means for processing and interpreting research data PC-1.3 Possesses the basic skills of collecting, processing and interpreting data from modern scientific research necessary to form conclusions on relevant scientific research |
| PC-3 | He is able to carry out work on the processing and analysis of information in the | PC-3.1 Knows the basic concepts in the field of application of mathematical methods and information technologies and the application of space remote sensing |

| Cipher | Competence | Indicators of Competency Achievement (within the framework of this discipline) |
|--------|---|--|
| | field of the application of mathematical methods and information technologies in the field of the application of remote sensing data from space | <p>systems</p> <p>PP-3.2 He is able to solve problems of an analytical nature, offering a choice from a variety of relevant ways of solving problems, has skills in working in software packages of geographic information systems</p> <p>PP-3.3 Possesses practical skills in solving problems related to the acquisition, processing and application of remote sensing data from space</p> |
| PP-4 | Able to formulate, analyze, and solve engineering problems in ballistics, propulsion mechanics, and spacecraft motion control based on professional knowledge | <p>PP-4.1 Knows the basic concepts and basic algorithms for solving problems in the field of ballistics, motion mechanics and motion control based on automated and automatic systems</p> <p>PC-4.2 Is able to solve engineering problems of an analytical nature in the field of ballistics, mechanics of motion and control of the movement of spacecraft on the basis of professional knowledge</p> <p>PP-4.3 Possesses the skills of using mathematical methods for processing information obtained as a result of experimental research, basic methods for analyzing the mechanics of motion and controlling the movement of spacecraft based on standard methods and software packages</p> |
| PP-4 | Able to develop, debug, test performance, modify software; apply methods and tools of software design, develop and coordinate software documentation for software | <p>PP-5.1 Knows existing system and application software, methods of design and development of software, structures and databases, program interfaces. Knows the regulatory and technical documentation for the development of software documentation</p> <p>PP-5.2 Is able to apply methods and tools for designing software, data structures, databases, program interfaces. Knows how to analyze regulatory and technical documentation for the development of software documentation</p> <p>PP-5.3 Possesses the basic skills of technologies for the development, debugging, performance testing and modification of system application software, modernization of technical solutions for software development</p> |

3. PLACE OF PRACTICE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM OF HIGHER EDUCATION

Technological practice refers to the variable component of the mandatory part of block 2 of the curriculum.

Within the framework of the EP HE, students also master disciplines and/or other practices that contribute to the achievement of the planned learning outcomes based on the results of technological practice.

Table 3.1. List of components of the EP HE that contribute to the achievement of the planned learning outcomes based on the results of the internship

| Cipher | Competency Name | Previous Disciplines/Modules, Practices* | Subsequent disciplines/modules, practices* |
|---------------|---|---|---|
| GC-1 | He is able to search, critically analyze and synthesize information, apply a systematic approach to solving problems. | History of Russia / История России Philosophy / Философия Jurisprudence / Правоведение Name Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GC-2 | Is able to determine the range of tasks within the framework of the goal and choose the best ways to solve them, based on the current legal norms, available resources and restrictions | Jurisprudence / Правоведение Research Work Technological Training | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GC-3 | Able to carry out social interaction and fulfill his role in a team | Second Foreign Language (practical course) Business Communications Culture of Scientific and Business Speech Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GC-6 | Able to manage their time, build and implement a trajectory of self-development based on the principles of lifelong learning | Physical Culture Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GC-12 | Is able to: search for the necessary sources of information and data, perceive, analyze, remember and transmit information using digital means, as well as with the help of algorithms when working with data obtained from various sources in order to effectively use the information received to solve problems; evaluate information, its reliability, build logical conclusions based on incoming information and data | Computer Science and Programming Analysis of Geoinformation Data Automatic Control Theory Optimal Control Methods Fundamentals of information security and cyber resilience Fundamentals of Information Security and Cyber Resilience Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |

| Cipher | Competency Name | Previous Disciplines/Modules, Practices* | Subsequent disciplines/modules, practices* |
|---------------|---|--|---|
| GPC-1 | Is able to analyze the tasks of professional activity on the basis of provisions, laws and methods in the field of natural sciences and mathematics | Algebra and Geometry Mathematical Analysis Physics / Физика Theory of Probability and Mathematical Statistics Differential Equations Complex Analysis Equations of Mathematical Physics Theoretical Mechanics Space Flight Mechanics Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-2 | Is able to formulate the tasks of professional activity on the basis of knowledge, profile sections of mathematical and natural science disciplines (modules) | Algebra and Geometry Mathematical Analysis Theory of Probability and Mathematical Statistics Differential Equations Complex Analysis Equations of Mathematical Physics Computer Science and Programming Space Flight Mechanics Analysis of Geoinformation Data Numerical Methods Automatic Control Theory Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-3 | Able to use fundamental knowledge to solve basic management problems in technical systems in order to improve professional activities | Algebra and Geometry Mathematical Analysis Theory of Probability and Mathematical Statistics Differential Equations Complex Analysis Equations of Mathematical Physics Theoretical Mechanics Space Flight Mechanics Analysis of Geoinformation Data Numerical Methods Automatic Control Theory Optimal Control Methods | Undergraduate Training / Pre-Diploma Practice State Final Certification |

| Cipher | Competency Name | Previous Disciplines/Modules, Practices* | Subsequent disciplines/modules, practices* |
|---------------|--|---|---|
| GPC-4 | Able to assess the effectiveness of management systems developed on the basis of mathematical methods | Analysis of Geoinformation Data Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-5 | Able to solve the problems of the development of science, engineering and technology in the field of management in technical systems, taking into account the legal regulation in the field of intellectual property | Theoretical Mechanics Analysis of Geoinformation Data Automatic Control Theory Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-9 | Is able to perform experiments according to specified methods and process the results using modern information technologies and technical means. | Computer Science and Programming Analysis of Geoinformation Data Optimal Control Methods | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-10 | Able to develop (on the basis of current standards) technical documentation (including in electronic form) for routine maintenance of systems and means of control, automation and management | Automatic Control Theory | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| GPC-11 | Able to understand the principles of modern information technology and use them to solve professional problems | Computer Science and Programming Space Flight Mechanics Optimal Control Methods | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| PC-1 | Able to collect, process and interpret modern scientific research data necessary to form conclusions on relevant scientific research, including Earth remote sensing data | Computer Science and Programming Computer Science and Programming Space Flight Mechanics Analysis of Geoinformation Data Numerical Methods Automatic Control Theory Optimal Control Methods Discrete Mathematics Discrete Mathematics | Undergraduate Training / Pre-Diploma Practice State Final Certification |

| Cipher | Competency Name | Previous Disciplines/Modules, Practices* | Subsequent disciplines/modules, practices* |
|---------------|---|--|---|
| | | Virtual and Augmented Reality Technology Virtual and augmented reality technologies Research Work | |
| PC-3 | He is able to carry out work on the processing and analysis of information in the field of the application of mathematical methods and information technologies in the field of the application of remote sensing data from space | Analysis of Geoinformation Data Research Work Technological Training | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| PP-4 | Able to formulate, analyze, and solve engineering problems in ballistics, propulsion mechanics, and spacecraft motion control based on professional knowledge | Theoretical Mechanics Space Flight Mechanics Optimal Control Methods Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |
| PP-5 | Able to develop, debug, test performance, modify software; apply methods and tools of software design, develop and coordinate software documentation for software | Computer Science and Programming Analysis of Geoinformation Data Fundamentals of information security and cyber resilience Fundamentals of Information Security and Cyber Resilience Virtual and Augmented Reality Technology Virtual and augmented reality technologies Research Work | Undergraduate Training / Pre-Diploma Practice State Final Certification |

* - to be completed in accordance with the competency matrix and the SUP of the EP HE

4. SCOPE OF PRACTICE

The total labor intensity of the Technological Practice is 6 credits (216 academic hours).

5. CONTENT OF THE INTERNSHIP

6. Table 5.1. Internship content*

| Name of the practice section | Content of the section (topics, types of practical activities) | Labor intensity, ac.p. |
|--|--|------------------------|
| Section 1. Organizational and preparatory. | Receiving an individual assignment for practice from the supervisor | 9 |
| | Safety briefing in the workplace (in the laboratory and/or in production) | 9 |
| Section 2. Research | Introductory lecture | 4 |
| | Tour of the enterprise | 10 |
| | Lectures on the spacecraft control loop | 10 |
| | Practical seminar – analysis of the spacecraft control process | 10 |
| | Computational and graphic part: analysis of individual initial data for calculation, selection and analysis of literature, performance of calculation work | 124 |
| | Current control of the internship by the supervisor | 14 |
| | Keeping an internship diary | 8 |
| | Preparation of an internship report | 9 |
| | Preparation for defense and defense of the internship report | 9 |
| ALTOGETHER: | | 216 |

* - the content of the internship by sections and types of practical training is FULLY reflected in the student's internship report.

7. MATERIAL AND TECHNICAL SUPPORT FOR THE INTERNSHIP

Scientific and educational laboratories of the Department of Mechanics and Control Processes, premises of partner enterprises in which students undergo internship, equipped with a local network with Internet access, a projector and an interactive whiteboard.

8. METHOD OF PRACTICE

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

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

The terms of the internship correspond to the period specified in the calendar curriculum of the EP HE. The timing of the internship can be adjusted in agreement with the Department of Educational Policy and the Department of Organizing Internships and Promoting the Employment of Graduates at RUDN University.

9. EDUCATIONAL, METHODOLOGICAL AND INFORMATION SUPPORT OF PRACTICE

Reference citations:

1. Knut Donald E. Iskusstvo programmirovaniya v 3-kh tomakh [The Art of Programming in 3 Volumes]. Williams House, 2008. – T.1 – 720, T.2 – 832 p., T.3 – 824 p.

2. Aho Alfred V., Hopcroft John, Ullman Jeffrey D., Data Structures and Algorithms - Moscow: Izd. Williams House, 2000. – 384 p.
3. MalyGC A.A., Pazizin S.V., Pogozhin N.S. Introduction to Information Protection in Automated Systems – Moscow: Hot Line-Telecom, 2001, 148 p.
4. Belov E.B., Los V.P., Meshcheryakov R.V., Shelupanov A.A. Osnovy informatsionnoy bezopasnosti [Fundamentals of information security]. Textbook for Higher Educational Institutions, Moscow: Goryachaya liniya – Telekom, 2006. - 544 p.
5. Tikhonov V.A., Raikh V.V. Informatsionnaya bezopasnost': kontseptual'nye, pravovye, organizatsionnye i tekhnicheskie aspekty [Information Security: Conceptual, Legal, Organizational and Technical Aspects]. allowance. – Moscow: Gelios ARV, 2006.- 528 p.
6. Shangin V.F. Informatsionnaya bezopasnost' komp'yuternykh sistem i seti [Information security of computer systems and networks]. Manual .- M.: ID "FORUM": INFRA-M, 2008.-416 p.
7. Moore T., Pym D., Ioannidis C., Economics of Information Security and Privacy, Springer, 2010, - 320 p.
8. Ensuring the information security of business, Ed. Kurilo A.P., Alpina Publishers, 2011, - 392 p.
9. Bondarev V.V. Introduction to Information Security of Automated Systems (2nd Edition). Moscow: BMSTU. 2018. – 252 p.
10. Organizational and legal support of information security. edited by A.A. Aleksandrov, M.P. Sychev – Moscow: BMSTU. 2018. – 292 p.
11. MalyGC A.A. Osnovy politiki bezopasnosti kriticheskikh sistem informatsionnoy infrastruktury [Fundamentals of security policy of critical systems of information infrastructure]. – Moscow: Hot Line – Telecom, 2018. – 314 p.

Further reading:

1. Torokin A.A. Fundamentals of engineering and technical protection of information. – Moscow: Oc'-89, 1998.-336 p.
2. Devyanin P.N., Mikhalsky O.O., Pravikov D.I., Shcherbakov A.Yu., Theoretical Foundations of Computer Security, Moscow: Radio and Communication, 2000. - 192 p.
3. Pyarin V.A., Kuzmin A.S., Smirnov S.N. Bezopasnost' elektronogo biznesa [Security of electronic business]. Moscow, Gelios ARB Publ., 2002. – 432 p.
4. Snytnikov A.A. Licensing and certification in the field of information protection. – Moscow: Gelios ARV, 2003.- 192 p.

Resources of the information and telecommunication network "Internet":

- 1) Electronic Library System (EBS) of RUDN University and third-party EBS, to which university students have access on the basis of concluded contracts:
 - EBS RUDN <http://lib.rudn.ru/MegaPro/Web>
 - EBS "University Library Online" <http://www.biblioclub.ru>
 - EBS Yurayt <http://www.biblio-online.ru>
 - EBS "Student Consultant" www.studentlibrary.ru
 - EBS "Lan" <http://e.lanbook.com/>
 - EBS "Troitsky Bridge"
 - www.cbr.ru
 - <http://www.bsi.bund.de/gshb/english/menue.htm>
(<http://www.bsi.bund.de/english/gshb/index.htm>)
 - <http://www.cacr.math.uwaterloo.ca/hac/> , <http://www.schneier.com/solitaire.html> ,
 - <http://www.nist.gov/>

- http://cbr.ru/credit/Gubzi_docs/
- https://www.bsi-fuer-buerger.de/cln_174/EN/Topics/ITGrundschutz/ITGrundschutzCatalogues/itgrundschutzcatalogues_node.html
- www.kremlin.ru , www.fsb.ru , www.fstec.ru .
- <http://csrc.nist.gov/groups/SMA/prisma/index.html>

2) Databases and search engines:

- electronic collection of legal and regulatory and technical documentation <http://docs.cntd.ru/>
- Yandex <https://www.yandex.ru/> search engine <https://www.yandex.ru/>
- Google Search Engine <https://www.google.ru/>
- SCOPUS Abstract Database <http://www.elsevierscience.ru/products/scopus/>

Software:

1. Specialized software for practicing and generating reporting documentation for students:

- PRIZMA package, developed by the American Standards Institute NIST.
- Python programming language and development environment (freely distributed under the Python Software Foundation License);
- Borland Developer Studio 2006 (License Certificate Number: 33080, 33081, 33082)
- MATLAB

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

1) Rules of safe working conditions and fire safety during the Technological Practice (initial briefing).

2) General structure and principle of operation of technological production equipment used by students during internship; technological maps and regulations, etc. (if necessary).

3) Methodical instructions for students to fill out a diary and draw up an internship report.

* - all educational and methodological materials for internship are posted in accordance with the current procedure on the internship page in TUIS

10. ASSESSMENT MATERIALS AND A POINT-RATING SYSTEM FOR ASSESSING THE LEVEL OF COMPETENCE FORMATION BASED ON THE RESULTS OF THE INTERNSHIP

Assessment materials and a point-rating system* for assessing the level of competence formation (part of competencies) based on the results of the Technological Internship are presented in the Appendix to this Internship Program (module).

* - OM and BRS are formed on the basis of the requirements of the relevant local regulatory act of RUDN University (provision/procedure).

DEVELOPERS

Associate Professor of the

Department of Mechanics and

Control Processes

Saltykova O.A.

Position

Signature

Surname I.O.

Associate Professor of the
Department of Mechanics and
Control Processes

Varfolomeev A.A.

Position

Signature

Surname I.O.

HEAD OF THE BUP:

Head of the Department of
Mechanics and Control Processes

Razumny Yu.N.

Name of Dep

Signature

Surname I.O.

HEAD OF THE DEPARTMENT OF HIGHER EDUCATION:

Professor of the Department of
Mechanics and Control Processes

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Position

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