

Документ подписан простой электронной подписью

Информация о владельце:

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Уникальный программный ключ:

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Abstract of the discipline

Name of the discipline

преддипломная практика / Pre-graduation Internship

Content

The objectives of the industrial pre-graduate internship are:

- consolidation of theoretical knowledge gained in the study of basic disciplines;
- mastering techniques, methods and methods for identifying, observing, measuring and controlling the parameters of production and technological processes;
- preparation and execution of scientific, technical and service documentation;
- obtaining skills for future professional activity;
- direct participation in the working process of the enterprise (organization) with the performance of professional duties of a specialist;
- - collecting material for the preparation and writing of the graduation project.

Results of mastering the discipline (module)

GPC-1 He is able to solve problems related to professional activity, using methods of modeling, mathematical analysis, natural science and general engineering knowledge.

ID-1 GPC-1 uses the basic laws of the disciplines of the mechanical engineering module

ID-2 GPC-1 uses the basic laws of natural science disciplines.

ID-3 GPC-1 знает принципиальные особенности моделирования математических, физических и химических процессов, предназначенные для конкретных технологических процессов.

GPC- 2 knows the fundamental features of modeling mathematical, physical and chemical processes designed for specific technological processes.

ID-1 GPC-2 has the skills to promptly fulfill the requirements of a work project.

ID-2 GPC-2 defines fundamental differences in approaches to the design of technical objects, systems and technological processes.

ID-3 GPC-2 has computer skills using new methods and software packages.

GPC 3 Able to participate in the management of professional activities, using knowledge in the field of project management.

ID-1 GPC-3 applies elements of production management in practice.

ID-2 GPC-3 has the skills of personnel management in a small production unit.

ID-3 GPC-3 uses the possibilities of carrying out business activities at the entrusted facility.

GPC 4 It is able to carry out measurements and observations, process and present experimental data.

ID-1 GPC-4 compares the technology of conducting standard experiments on standard equipment in the laboratory and in production.

ID-2 GPC-4 processes the results of research activities using standard equipment, instruments and materials.

ID-3 GPC-4 masters the technique of experimentation, using standard equipment, instruments and materials.

GPC- 5 He is able to understand the principles of modern information technologies and use them to solve the tasks of professional activity.

ID-1 GPC-5 uses a computer to solve simple engineering calculations.

ID-2 GPC-5 he is able to acquire new knowledge using modern educational and information technologies.

ID-3 GPC-5 he is proficient in the methods of collecting, processing and interpreting the received information using modern information technologies.

GPC 6 He is able to make informed technical decisions in his professional activity, choose effective and safe technical means and technologies.

ID-1 GPC-6 uses technical means and technologies to solve standard tasks in professional activity.

ID-2 GPC-6 solves standard tasks of professional activity on the basis of information and bibliographic culture with the use of modern technologies.

	ID-3 GPC-6 has the skills to solve standard tasks of professional activity based on modern information technologies. GPC 7 Able to analyze, compile and apply technical documentation related to professional activities in accordance with applicable regulations ID-1 GPC-7 uses the main types and content of production documentation layouts related to professional activity. ID-2 GPC-7 demonstrates the ability to summarize information and enter it into the forms of layouts in accordance with current regulations. ID-3 GPC-7 has the skills to compile technical documentation.
Labor intensity, cr	6 credits
Reporting forms (including semesters)	Grading test in the 8th semester
The list of basic and additional literature necessary for the development of the discipline	
Basic literature	1. Eremin, N. A. Modern development of oil and gas fields: Smart well. Intellectual craft. Virtual company: study. manual / N. A. Eremin ; Gubkin Russian State University of Oil and Gas. - M.: Nedra, 2008. - 244 p. 2. Mishchenko I.T. Borehole oil production. - M.: Gubkin Russian State University of Oil and Gas, 2015.- 448 p.
Additional literature	1. Industrial safety. General requirements of the industrial 1. Kukushkina V.V. Organization of research work of students (masters) / V.V. Kukushkina. – Publishing house: INFRA-M, 2011. – 265s. 2. Shcheglov E.V. Methodological principles of organization and planning of scientific research of students/ Shcheglov E.V., Kozlov S.A., Maksimov V.I.-M.: FGOU VPO MGAVMiB, 2010.-45 p. 3. Federal norms and rules in the field of industrial safety "Safety rules in the oil and gas industry" – M.: Closed Joint Stock Company "Scientific and Technical Center for Industrial Safety Research", 2013. - Issue 8. 288 p. (editorial board, effective from January 1, 2017). 4. Kvesco B. B. Methods and technologies for maintaining reservoir pressure: textbook. – Moscow-Vologda : Infra-Engineering, 2018. - 129 p. 5. Principles, calculations and workflows of Moshood Sann