Документ подписан простой электронной подписью
Информация о владельце:
ФИО: Верисокин Александр Евгеньевич
Должность: И.о. декана факультета нефтегазовой инженерии
Дата подписания: 10.06.2024 09:38:09
Уникальный программный ключ:
fd7a4d68f832599b0e43c0b6f10966ab195e1d0b

Annotation to the work program of the discipline

Name disciplines	Физика / Physics
Summary	physical foundations of mechanics; molecular physics and thermodynamics;electricity; magnetism; optics; quantum physics; elements solid state physics; nuclearphysics; physical practice.
The results of mastering the discipline (module)	uses the basic laws of the disciplines of the mechanical engineering module; knows the fundamental features of modeling mathematical, physical and chemical processes, designed for specific technological processes;
labor input,cu	12
Reporting Forms (including by semesters)	Exam
List of main and additionalliterature necessary for mastering the discipline	
Main literature	**1.** Savelyev, I. V. Course of general physics: [proc. allowance], V. 1, Mechanics. Molecular physics. - St. Petersburg. - M. - Krasnodar: Doe, 2008. - 432 p. : adj., ill. - (Classical educational literature on physics). - Tit. l. parallel Russian, English – Regional: Top Classics textbooks. Knowledge. Confidence. Success. – Prem. decree: p. 429-432. - ISBN 978-5-8114-0629-6. – ISBN 978-5-8114-0630-2 **2.** Savelyev, I. V. Course of general physics: [proc. allowance], V. 2, electricity and magnetism. Waves. Optics. - St. Petersburg. - M. - Krasnodar: Lan, 2008. - 496 p. : adj. - (Classical educational literature on physics). - Tit. l. parallel Russian, English – Regional: Top Classics textbooks. Knowledge. Confidence. Success. – Prem. decree: p. 493-496. - ISBN 978-5-8114-0629-6. – ISBN 978-5-8114-0631-9 **3.** Savelyev, I. V. Course of general physics / [proc. allowance], V. 3, quantum optics. Atomic physics. Solid state physics. Physics atomic nucleus and elementary particles. - St. Petersburg. - M. - Krasnodar: Doe,

	2008. - 318 p. : adj. – (Classical educational literature on physics). - Tit. l. parallel Russian, English - On the region: The best classical textbooks. Knowledge. Confidence. Success. – Prem. decree: p. 314-317. – ISBN 978-5-8114-0629-6. – ISBN 978-5-8114-0632-6.
Additionalliterature	1. Trofimova, T. I. Physics course: [proc. allowance*]. - 19th ed., erased. - M. : Academy, 2012. - 558 p. : ill. – (Higher professional education). – Prem. decree: p. 537-549. – ISBN 978-5-7695-9433-5 2. Sivukhin, D.V. General course of physics: textbook: in 5 volumes / D.V. Sivukhin. - 4th ed., stereo. - M. : Fizmatlit, 2005. - T. 1. Mechanics. - 560 p. - ISBN 5-9221-0225-7; The same [Electronic resource]. - URL: //biblioclub.ru/index.php?page=book&id=82978 3. Sivukhin, D.V. General course of physics: textbook: in 5 volumes / D.V. Sivukhin. - 5th ed., Rev. - M. : Fizmatlit, 2006. - V. 2. Thermodynamics and molecular physics. - 544 p. - ISBN 5-9221-0601-5; The same [Electronic resource]. - URL: //biblioclub.ru/index.php? page=book&id=82995 4. Sivukhin, D.V. General course of physics: textbook: in 5 volumes / D.V. Sivukhin. - 5th ed., erased. - M. : Fizmatlit, 2009. - T. 3. Electricity. - 655 p. - ISBN 978-5-9221-0673-3; Same[Electronic resource]. - URL: //biblioclub.ru/index.php? page=book&id=82998 5. Sivukhin, D.V. General course of physics: textbook: in 5 volumes / D.V. Sivukhin. - 3rd ed., stereo. - M. : Fizmatlit, 2002. - T. 4. Optics. - 792 p. - ISBN 5-9221-0228-1; The same [Electronic resource]. - URL: //biblioclub.ru/index.php?page=book&id=82981 6. Volkenshtein, V.S. Collection of problems in the general course of physics: for students. tech. universities / V. S. Volkenshtein. - 3rd ed. correct and additional - St. Petersburg: Knizhny Mir, 2007. - 327 p. : ill. - App.: p. 308-327. – ISBN 5-86457-2357-7 7. Chertov, A. G. Task book on physics: [textbook. allowance for technical colleges] / A. G. Chertov, A. A. Vorobyov. - 8th ed., revised. and additional - M. : Fizmatlit, 2007. - 640 p. : ill. - App.: p. 623-640. – ISBN 5-94052-098-7 8. B. M. Yavorsky, A. A. Detlaf. Handbook of Physics. - M.: Nauka, 1981. - 509 p. - Item decree: p. 493-506.