Документ подписан простой электронной подписью
Информация о владельце:
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Discipline annotation

Discipline name	Программно-аппаратные средства защиты информации / Hardware and software tools of information security
Summary	Legal framework for the creation and use of software and hardware for information protection. Classification and functionality of software and hardware information protection. Main methods and means of implementing specific functional requirements for the protection of information and data. Hardware and software tools of programs security. Hardware and software protection against unauthorized access to information stored in a PC. Hardware-software means of information protection in data transmission networks. Certification of software and hardware information protection.
Discipline learning outcomes	- demonstrates knowledge of the structure and principles of operation of cryptographic information protection tools used in computer systems and networks; - installs, configures and integrates cryptographic information protection tools in computer systems and networks - is able to take part in ensuring the efficiency and performance of the applied software and hardware information protection tools
Workload, c. u.	8c. u.
Reporting Forms	Exam- 6th semester
List of essential and supplementary literature necessary for mastering the discipline	
Essential literature	1. Software and hardware for information security. Textbook for universities / A. V. Dushkin, O. M. Barsukov, E. V. Kravtsov, K. V. Slavnov. Edited by A. V. Dushkin - M: Goryachaya linia - Telecom, 2018. - 248 p. - ISBN 978-5-9912-0470-5. 2. Software and hardware protection of information: a textbook for students of higher educational institutions studying in the training course "Information security" / P. B. Khorev. - 2nd ed., reviewed and enlarged - M: Forum, 2015. - 349 p.: ill.; - ISBN 978-5-00091-004-7 3. Shangin V. F. Comprehensive information protection in corporate systems. - Moscow: Infra-M, 2010. - 541 p. – ISBN 978-5-8199-0411-4
Supplementary literature	1. Melnikov V. P. Information security and protection of Information - Moscow: Academy, 2013. 2. Vasilkov A. V. Security and access control in information systems. - Moscow: Forum, 2012. 3. Grishina N. V. Complex information security system for enterprise. - Moscow: Forum, 2012.