

Документ подписан простой электронной подписью
 Информация о владельце:
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Discipline annotation

Discipline name	Комплексная система защиты информации на предприятии / Complex information security system at the enterprise
Summary	The essence and tasks of a complex information security system Principles of organization and stages of development of a complex information security system Determination and normative consolidation of the composition of protected information Determination of objects of protection Identification and evaluation of sources, methods and results of a destabilizing effect on information Identification of potential channels and methods of unauthorized access to information Principles and methods of planning the operation of a complex information security system The essence and content of control over the operation of a complex information security system Management of a complex information security system in emergency situations Evaluation of the effectiveness of a complex information security system Methods and models for evaluating the effectiveness of a complex information security system
Learning outcomes of the discipline	- handles the concepts of the information security policy of the enterprise; - formulates the components of the information security policy of the enterprise; - demonstrates knowledge of the content of the information security policy of the enterprise. - plans the organization and supports the implementation of measures to ensure information security; - demonstrates the ability to manage the process of ensuring information security; - implements a set of measures to ensure information security at the object of protection. - reveals the components of the process of optimizing the structure and functional processes of the object of protection - formulates the information components of the structure optimization process; - evaluates the resistance to destructive impacts on the information resources of the enterprise. - develops proposals for optimizing the structure and functional processes of the object of protection and its information components; - applies proposals for optimizing the structure and functional processes of the object of protection and its information components; - optimizes the structure and functional processes of the object of protection and its information components; - understands the set of measures to ensure the security of the object of protection; - formulates the set of measures to ensure the security of the object of protection; - operates with local regulations and information security standards. - develops a set of measures to ensure the security of the protected object

	using local regulations and information security standards; - plans the implementation of a set of measures to ensure the security of the protected object using local regulations and information security standards; - maintains a set of measures to ensure the security of the protected object using local regulations and information security standards - handles the concepts of procedures for auditing the security of an informatization object and regulatory documents that determine its content; - formulates the procedures for auditing the security of an informatization object and regulatory documents that determine its content; - understands the essence of the procedures for auditing the security of an informatization object. - plans an audit of the security of an informatization object in accordance with regulatory documents; - sets the sequence of activities to audit the security of an informatization object in accordance with regulatory documents; - takes part in the procedure of auditing the security of an informatization object in accordance with regulatory documents.
Workload, c. u.	6c. u.
Reporting Forms	Exam- 8th semester
List of essential and supplementary literature necessary for mastering the discipline	
Essential literature	1. Guidelines for the implementation of laboratory work on the discipline "Technical Information Protection": for students of the specialty 10.05.01 "Computer Security": specialization "Information Security of Informatization Objects Based on Computer Systems". - Stavropol: NCFU, 2011. - 104 p. 2. Grishina, N. V. Complex information security system at the enterprise: [study guide] / N. V. Grishin. - M.: FORUM, 2013. - 240 p.: ill. - (Professional education). – Stamp: recommended by the AMS. - App.: p. 205-235. - Bibliography: p. 200-204. - ISBN 978-5-91134-369-9 3. Development of a system of technical protection of information / V. I. Averchenkov. - 2nd ed., reprint. - Moscow: Flinta, 2011. - 187 p. - (Organization and technology of information security). - ISBN 978-5-9765-1276-4
Supplementary literature	1. Averchenkov, V. I. Development of a technical information security system: Textbook / Averchenkov V. I. - Bryansk: Bryansk State Technical University, 2012. - 187 p. - The book is in the basic version of IPRbooks ELS. - ISBN 5-89838-358-1. 2. Titov, A. A. Engineering and technical protection of information: Textbook / Titov A. A. - Tomsk: Tomsk State University of Control Systems and Radioelectronics, 2010. - 197 p. - The book is in the basic version of IPRbooks ELS.