

Discipline annotation

Документ подписан простой электронной подписью Информация о владельце: ФИО: Петренко Вячеслав Иванович Должность: и.о. директора Института цифровых ресурсов Дата подписания: 03.07.2023 10:22:36 Уникальный программный ключ: b47f96eea65a16e179f94dbf7fb0b10000e7ad4d	Discipline name Технические средства защиты информации / Technical means of information security
Summary	Main properties of information as a subject of protection Technical channels of information leakage Control and eavesdropping on telephone communication channels. Protection of electronic devices and objects from side electromagnetic radiation. Devices for control and protection of low-current lines and networks. Nonlinear locators. Technical means of radio monitoring and detection of bug devices.
Learning outcomes of the discipline	- Specifies the classification, principles of operation and the main characteristics of technical means and security systems, their constituent elements - Performs searches for information about modern and promising technical means and security systems in various sources; independent work with regulatory legal documents governing the organization and provision of physical protection of informatization objects using technical means and security systems - Applies the skills of working with technical means and security systems and the skills of safe use of technical means of protection in professional activities, as well as the skills of choosing technical means of protection, taking into account their applicability to a specific object of protection against unauthorized access
Workload, c. u.	4 c. u.
Reporting Forms	Graded - 7th semester
List of essential and supplementary literature necessary for mastering the discipline	
Essential literature	1. Buzov G. A. Protecting restricted access information from leakage through technical channels. - M.: Goryachaya linia-Telecom, 2014. - 586 p. 2. Katorin Yu. F., Razumovsky A. V., Spivak A. I. Protection of information by technical means. Textbook - St. Petersburg: ITMO National research university, 2013. - 416 p.
Supplementary literature	1. Torokin A. A. Engineering and technical protection of information: Study guide. - M.: "Helios ARV", 2015. 2. Konakhovich G. F., Klimchuk V. P., Pauk S. M., Potapov V. G. Information protection in telecommunication systems. - K.: "MK-Press", 2015.—288 p., ill. 3. Buzov G. A., Kalinin S. V., Kondratiev A. V. Protection against information leakage through technical channels: Study guide. - M.: Goryachaya linia -Telecom, 2015. - 416 p. 4. Technical means and methods of information security: Textbook for universities / A. P. Zaytsev, A. A. Shelupanov, R. V. Meshcheryakov and others; ed. by A. P. Zaitsev.-4th ed., revised and enlarged - M.: Goryachaya linia - Telecom, 2013. - 616 p.: ill. 5. Khorev A. A. Technical protection of information: textbook for universities. In 3 volumes. Vol. 1. Technical channels of information leakage: Study guide. - M.: "Analytics" scientific and production centre, 2014.