

Документ подписан простой электронной подписью
 Информация о владельце:
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Discipline abstract

Discipline name	Введение в информационные технологии / Introduction to information technology
Summary	Introduction to information technology in professional activities. Stages of development of information technologies. Market of information products and services. Hardware and software of information technologies in professional activity. Basic information technologies. Applied information technologies. Database management system. Computer networks. Introduction to 1C.
Learning outcomes of the discipline	<ul style="list-style-type: none"> - knows the concepts of information, information technology, information security, the basics of state information policy; - applies modern information technologies in professional activities, classifies protected information by types of secrets and degrees of confidentiality; - applies information and communication technologies to assess the state of networks and information transmission systems in full - perfectly applies software for system and applied purposes, including domestic production, to solve the problems of professional activity
Workload, c. u.	4 c. u.
Reporting Forms	Credit - 2nd semester Graded test -3 semester
List of basic and additional literature necessary for mastering the discipline	
Essential literature	<p>1. Information technologies: textbook / Yu.Yu. Gromov, I.V. Didrich, O.G. Ivanova, and others; Ministry of Education and Science of the Russian Federation; Federal State Budgetary Educational Institution of Higher Professional Education "Tambov State Technical University". - Tambov: Publishing house of FGBOU VPO "TSTU", 2015. - 260 p. : illustrations, tables, schemes. - http://biblioclub.ru/. - Bibliography. in book. - ISBN 978-5-8265-1428-3</p> <p>2. Isakova, A. I.; Information technology: textbook / A.I. Isakov; Ministry of Education and Science of the Russian Federation; Tomsk State University of Control Systems and Radioelectronics (TUSUR); Department of Automated Control Systems (ACS). - Tomsk: TUSUR, 2013. - 207 p.: ill. - http://biblioclub.ru/. - Bibliography: pp.197-198</p>
Supplementary literature	<p>1. Information technology Electronic resource: textbook / Yu.A. Pirverdieva; O.V. Welz; A.A. Pletukhin; E.A. Litvinov; E.N. Kosovo; comp. K.A. Katkov; O.L. Servetnik; I.P. Khvostov; IN AND. Lebedev. - Stavropol: North Caucasian Federal University, 2014. - 254 p. - The book is in the basic version of EBS IPRbooks.</p> <p>2. Kuznetsov, S. M; Information technology: textbook / S.M. Kuznetsov. - Novosibirsk: NSTU, 2011. - 144 p. - http://biblioclub.ru/. - ISBN 978-5-7782-1685-3</p> <p>3. Sovetov, B. Ya. Information technologies: a textbook for bachelors / B. Ya. Sovetov, V. V. Tsekhanovsky; St. Petersburg. state electrical engineering un-t. - 6th ed. - Moscow: Yurayt, 2013. - 262, [1] p. : ill. ; 22. - (Bachelor). - Grip: Extra. MO. - Bibliography: p. 260-261. - ISBN 978-5-9916-2824-2.</p>