

Документ подписан простой электронной подписью  
 Информация о владельце:  
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 Уникальный программный ключ:

## Discipline abstract

|                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|--------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 32Name43c0b6f10966ab195e1d00                                                   |  | Детали машин / Machine Parts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| disciplines                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Content                                                                        |  | The main objectives of the discipline: to know the basic methods of strength calculation and design of joints, drives of machines and parts and assemblies that ensure their performance; development of students' skills to carry out engineering and technical projects, including the development of working documentation                                                                                                                                                                                                                                                                                                                            |  |
| resultsdevelopment disciplines                                                 |  | He knows how to use the basic methods of strength calculation and design of joints, drives of machines and parts and assemblies that ensure their performance and is ready to apply a system of fundamental knowledge (mathematical, natural sciences, engineering and economics) to solve problems associated with machine-building industries.                                                                                                                                                                                                                                                                                                         |  |
| labor input, cu                                                                |  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Reporting Forms                                                                |  | Exam 4 semester                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| List of basic and additional literature necessary for mastering the discipline |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
| Main literature                                                                |  | 1. Ivanov, M. N. Machine parts: textbook / M. N. Ivanov, V. A. Finogenov. - 13th ed., revised. - Moscow: Higher School, 2019. - 408 p. : ill., tab. - (For higher educational institutions. Technique and technology). – Neck: Rec. MO. – Bibliography: p. 402-403. – ISBN 978-5-06-006181-9; 621.8_I 20<br>2. Gulia, N.V. Machine parts: a textbook for universities / N.V. Gulia, V.G. Klovok, S.A. Yurkov; under total ed. N.V. Gulia. – Ed. 3rd, sr. - Saint Petersburg ; Moscow ; Krasnodar: Lan, 2013. - 414, [1] p. : ill. ; 21. - (Textbooks for universities. Special literature). – Bibliography: p. 411. - ISBN 978-5-8114-1091-0; 621.8_G 94 |  |
| Additional literature                                                          |  | 1. Kopchenkov VG, Machine parts. Workshop / comp. V. G. Kopchenkov. - Stavropol: North Caucasian Federal University, 2023. - 163 p.<br>2. Skoybeda, A. T. Machine parts and design fundamentals Electronic resource: Textbook / A. T. Skoybeda, A. V. Kuzmin, N. N. Makeichik; ed. A. T. Skoybeda. - Machine parts and design basics, 2020-08-01. - Minsk: Higher School, 2006. - 561 p. – The book is in the premium version of EBS IPR BOOKS. – ISBN 985-06-1055-7                                                                                                                                                                                     |  |