

«APPROVED BY»
Head of the department
_____ Zakharova A.A.
« ____ » _____ 2016 г.

ANNOTATION OF DISCIPLINE

1. Name of the discipline **DISCRETE MATHEMATICS**
2. Symbol (code) in the curriculum Б2.Б.М7
3. Direction (specialty) (FSES) 09.03.03 APPLIED INFORMATICS
4. Training profile (specialization, program) Applied informatics
5. Qualification (degree) bachelor
6. Provisioning unit Department of Information Systems
7. Lecturers Maslov A.V., tel. 8(38451)7-77-64 *E-mail:mav00f@mail.ru, maslovav@tpu.ru*
9. Planned course (module) learning outcomes

No.	Result
CLO1	Apply basic and special mathematical knowledge in the field of informatics and computer technology, sufficient to complex engineering activities
CLO2	Use methods of set theory and graph theory. Be skilled in solving problems of mathematical logic theory.

10. Course structure and contents (*list of main topics (sections)*)
Theme 1. The theory of sets.
Theme 2. Binary relations.
Theme 3. Elements of fuzzy set theory.
Theme 4: Algebra of statements.
Theme 5: The basics of graph theory.
 11. Year: 1, semester: 1 Number of credits: 3
 12. Prerequisites
 13. Corequisites: "Theory of probability and mathematical statistics", "Intellectual information systems", "Computer systems, networks and telecommunications".
 14. Type of interim attestation: Examination in 1 semester
- Author Maslov A.V.