FINANCIAL MATHEMATICS

ANNOTATION
TO THE PRACTICE PROGRAM OF HIGHER EDUCATION INSTITUTIONS

Speciality 1-25 01 04 Finance and credit

	Form of higher education	
	full-time	part-time
Year	1	1
Semester	1	2
Lectures, hours	16	4
Laboratory classes, hours	34	6
Course paper, semester		2 / 2
Credit, semester	1	2
Contact hours	50	12
Independent tudy, hours	58	96
Total course duration in hours / credit units	108 / 3,0	108 / 3,0

1. Brief content of the discipline

    The purpose of teaching the discipline is to form students' analytical thinking by mastering the mathematical models of financial transactions that are necessary in practical activities.

2. Learning Outcomes

    As a result of mastering the academic discipline, the student must

    know:
- conceptual and categorical apparatus of basic financial calculations;
- methodological principles of modeling financial calculations;

    be able to:
- generalize and systematize the simplest financial transactions;
- identify and classify interest rates;

    possess:
- the basics of methods for calculating interest in financial calculations.

3. Formed competencies

Codes of generated competencies	Names of competencies being formed
SC-9	Choose tools for processing financial data in accordance with the task, analyze the results of financial calculations and justify the conclusions

4. Requirements and forms of current and intermediate certification.

Intermediate certification - defense of laboratory work. Current certification - credit.