

FINANCIAL MATHEMATICS AND FINANCIAL MANAGEMENT
COURSE SYLLABUS ABSTRACT
of higher education institution

Speciality 1-28 01 02 Electronic Marketing

	STUDY MODE		
	full-time	Part-time	Part-time (shortened program)
Year	4	5	4
Semester	8	10	8
Lectures, hours	40	10	8
Practical classes (seminars), hours	32	8	8
In-class test (semester, hours)	-	10(2 часа)	8(2 часа)
Exam, semester	8	10	8
Contact hours	72	20	18
Independent study, hours	108	160	164
Total course duration in hours / credit units	180/5		

1. Brief content of the academic discipline: study of modern methods and tools of enterprise financial management; mastering the technologies for conducting financial diagnostics and preventing the financial instability of an enterprise; systematic study of economic tools for managing the property of an enterprise and sources of its financing; development of skills to assess the economic efficiency of financial decisions.

2. Learning outcomes: the learner must

know:

- theoretical foundations of financial mathematics;
- essence, goals, objectives and functions of financial management;
- the essence, goals, objectives and tools for managing the working capital of an enterprise;
- cash flow forecasting methods;
- a mechanism for managing costs and financial results;
- the essence and mechanism of managing operational and financial leverage;
- the essence and methods of managing the fixed capital of the enterprise;
- the composition and tools of capital management (sources of financing of the enterprise);
- types and methods of neutralizing financial risks.

be able to:

- apply the tools of financial mathematics to assess the effectiveness of financial transactions;
- to develop, based on the results of the analysis, practical recommendations for improving the financial condition of the enterprise;
- justify the use of effective tools for managing working and fixed capital;
- to form financial forecasts and plans (budgets) for the development of the enterprise;
- evaluate the cost of capital and justify the choice of an economically efficient source of financing in order to increase the capitalization of the enterprise;
- make management decisions under risk conditions.

possess:

- methods for developing and making effective decisions when conducting financial, credit and investment operations, including under conditions of risk;
- methods and tools of enterprise property management and sources of its financing.

3. Competences being formed:

AC-1 be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems; AC-2 possess system and comparative analysis;

4. Requirements and forms of current and intermediate certification

The module-rating system is used. Intermediate certification: assessment of work in practical classes, tests. Current certification: exam.