

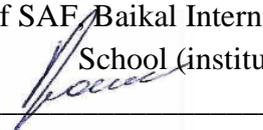


**MINISTRY OF SCIENCE AND HIGHER EDUCATION
OF THE RUSSIAN FEDERATION**
Federal State Budgetary Educational Institution of Higher Education
"IRKUTSK STATE UNIVERSITY"
SAF, Baikal International Business School (Institute)
Strategic and Financial Management Department



APPROVED:

Dean of SAF Baikal International Business
School (institute)

 N.B. Grosheva

April 14, 2025

Syllabus

Discipline Б1.О.18 Financial Management at an Innovative Company

Major 27.03.05 Innovatics

Specialization: Management of Innovative and IT Projects and Products

University Degree: Bachelor

Full time

Approved by the Academic and
Methodological Council of Baikal
International Business School (institute)
Protocol № 4 March 26, 2025

Chairperson  V.M. Maksimova

Recommended by the Strategic and Financial
Management Department
Protocol № 9 March 21, 2025

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Chair



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Irkutsk 2025

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I. Goal and Objectives of the Discipline (Module)

Goals:

1. To obtain theoretical, methodological foundations and practical skills of professional financial management of an enterprise that is engaged in the development and implementation of innovative and IT products and projects.
2. To study of the most important aspects, disclosure of the basics of interaction between the theory and practice of financial management in relation to innovative enterprises.
3. To develop analytical skills in the preparation, analysis and forecasting of financial statements in terms of innovative enterprises.
4. To form the ability to assess the current financial condition of the company in terms of additional investment, implementation of innovative projects.
5. To form modern fundamental knowledge in the field of the theory of financial management of the company.
6. To form skills for positioning and promotion of innovative products in the foreign market and for individual investors.

Objectives:

1. To learn how to apply a systematic approach to solving problems;
2. To formulate the specifics of financial management at an innovative enterprise;
3. To understand what financial instruments are;
4. To gain practical skills and abilities in the choice of financial instruments for managing an innovative enterprise;
5. innovative enterprise;
6. To gain skills in the use of financial management tools in the development of business plans and
7. To evaluation of innovative areas of the company's activities and projects;
8. To gain skills in financial support, positioning and promotion of innovative and IT products.

II. Place of the Discipline in the CPEP Structure

The academic discipline "B1.O.18 Financial Management at an Innovative Enterprise" belongs to the mandatory part of the bachelor's degree program in the field of training 27.03.05 Innovation, training profile Management of innovative and IT projects and products. To study this academic discipline, knowledge, skills and abilities formed by the previous disciplines are required: Management; Economics (Microeconomics).

The list of subsequent academic disciplines that require knowledge, skills and abilities formed by this academic discipline: Valuation of Business and Assets, Strategic Management, Management Accounting and Budgeting.

III. Requirements for the Discipline Learning Outcomes

The process of mastering the discipline is aimed at the formation of elements of the following competencies in accordance with the Federal State Educational Standards of Higher Education and the Educational Programs of Higher Education in the area of training (specialty) 27.03.05 "Innovatics.», profile Management of innovative and IT projects and products , General Professional Competencies (GPC) - 5.2, PC 1.3, PC 2.2, PC 2.3.

List of Planned Learning Outcomes for the Discipline, Mapped to Competency Achievement Indicators

Competency	Competency Indicators	Learning Outcomes
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<p>GPC-5 To be able to solve problems in the field of innovative processes in science, engineering and technology, taking into account the legal regulation in the field of intellectual property</p>	<p>GPC-5.2 To be able to solve problems in the field of innovative processes in science, engineering and technology, taking into account the legal regulation in the field of intellectual property</p>	<p>Uses the main tools for promoting innovative and IT products on the stock markets Applies methods of positioning the company during IPO. Is able to position and present various financial products in the field of innovative and IT projects for the external market and individual investors.</p>
<p>PC-1 To be able to develop, coordinate and control the implementation of business plans, pricing policy and development strategy for a series of innovative and IT products</p>	<p>PC-1.3 To possess the skills of building calculations and forecasts of expenses and revenues of a series of IT products and innovative products; to possess strategies for the development of a series of IT products and innovative products and control of its implementation</p>	<p>Defines the requirements for business plans. Possesses the skills of evaluating the company's activities, new business areas. Applies financial management tools to evaluate the activities of innovative companies, new projects and products.</p>
<p>PC-2 To be able to manage the budget of a series of IT products and innovative products</p>	<p>PC-2.2 To know how to manage the project budget in the field of information technology and innovative projects</p>	<p>Applies the skills of forming and managing the budget of an investment project in the field of innovative and IT developments</p>
	<p>PC-2.3 To possess the skills of determining items and rates of expenses and income, redistribution of income for a series of IT products and innovative projects; control of costs and revenues for a series of IT products and innovative projects</p>	<p>Knows the relationship between the price of an innovative and IT product or service and the demand for this service. Applies skills in calculating the price of a product. Has the skills to control and account for income and expenses in the development and implementation of innovative and IT products.</p>

IV. CONTENTS AND DISCIPLINE STRUCTURE

Discipline scope is 4 credits, 144 hrs.
including 36 hrs of Summative Assessment.
Summative assessment: exam.

4.1 Discipline Contents, Structured by Themes, with Indicated Types of Classes and Allocated Academic Hours

№	Discipline Section/ Theme	Semester	Total Hours	Of these, practical training of students	Types of Educational Activities, Including Self-Study, Practical Sessions, and Workload (in hrs)			Self-Study	Formative Assessment Formats; Summative Assessment Formats
					Teacher Contact Hrs				
					Lecture	Practical lesson	Consultations		
1	2	3		5	6	7	8	9	10
1	Module I. The subject of financial management In this module, the concepts and basic terms of financial management are revealed, the following concepts are revealed: - the concept of an innovative enterprise. - the concept of an innovative and IT project and product. - the role of financial management and its place in the management system of an innovative enterprise.	6	3		4,5	4,5		4	Oral questioning

1	2	3	5	6	7	8	9	10	
	<ul style="list-style-type: none"> - the purpose and objectives of financial management of an innovative enterprise. - the subject, object, essence and main functions of financial management as a whole. - Corporate governance and the theory of agency relations; 								
2	<p>Module II. Finance and Financial Reporting</p> <p>The module reveals such basic concepts as financial resources of enterprises, budgeting. The importance of financial statements is explained. Skills in drawing up forecast budgets and preparing financial statements are acquired. Analysis of the plan/fact of budget execution, calculation of financial ratios to determine the financial condition of the enterprise.</p> <p>This module covers the following topics:</p> <ul style="list-style-type: none"> - Basic concepts of budget management. Interpretation of the main forms of reporting (Operating Conditions, Cash Flow Statements, Balance Sheet). - Financial planning and forecasting of financial statements. - Drawing up a business plan for the enterprise. The structure of a comprehensive business plan and its role in the development of financial forecasts, investment projects. - Analysis and interpretation of financial statements in relation to innovative enterprises. 	6	3		4,5	4,5		4	Oral questioning

1	2	3	5	6	7	8	9	10	
3	<p>Module III. Time Value of Money</p> <p>This module discusses the concepts of cash flow, discounted value of cash, annuity.</p> <ul style="list-style-type: none"> - The concept of the time value of money. - Basic rules for calculating cash flow. - Principles of evaluation of innovative and IT projects. 	6	3		4,5	4,5		4	Testing
4	<p>Module IV. Business financing, financial instruments</p> <p>The module covers such basic concepts as financial resources of enterprises, equity and borrowed capital, risk, profitability. The main sources of financing are identified, the main advantages and disadvantages, methods of assessing the sources of capital (shares, bonds, profits) are revealed.</p> <p>This module covers the following topics:</p> <ul style="list-style-type: none"> - Financial resources of enterprises (attracted and own) – basic concepts and terms; - Sources of external financing (ordinary and preferred shares). Issue (issue) of shares. - Borrowed capital. Interest rates and the risk associated with interest rates. Short-term sources of financing (overdraft, factoring, promissory notes, etc.). - Internal sources of financing (retained earnings). - Attracting investors for the implementation of innovative and IT 	6	3		4,5	4,5		4	Testing

1	2	3	5	6	7	8	9	10
	projects and products.							
5	<p>Module V. Innovative projects and their evaluation</p> <p>The module is aimed at acquiring practical skills in building financial models and their evaluation. The concepts of net present value of the project, internal rate of return, payback period are revealed.</p> <p>This module covers the following topics:</p> <ul style="list-style-type: none"> - The concept and types of investment projects for innovative and IT products. - Methods of investment valuation. - Investment policy of the enterprise. Long-term investment decisions. - Criteria for making investment decisions. Technique for calculating the criteria for the effectiveness of investment projects. - Financial analysis of the effectiveness of investment decision-making. Net present value of the project rule. Internal rate of return on investment. Modified internal rate of return. Payback period of the project. - Sensitivity analysis. - Risk and investment decisions. Classification of risks. Methodology for analyzing project risks. - Analysis of scenarios for the implementation of innovative projects. 	6 3		4,5	4,5		4	Testing

1	2	3	5	6	7	8	9	10	
6	<p>VI module. Capital structure and cost of capital</p> <p>In practice, the module calculates the cost of capital of the enterprise and its impact on investment decision-making, gives the concepts of financial and operational leverage, and evaluates various options for the capital structure. Price of the company's sources of capital</p> <p>This module covers the following topics:</p> <ul style="list-style-type: none"> - Features of the financial asset "share" and determination of its price as a source of capital. - Features of the financial asset "bond" and determining its price as a source of capital - Determination of the source price "retained earnings" - Determination of the weighted average cost of capital - The essence of the concept of financial leverage - Mechanism of operation of the operating lever - Calculation of the break-even point of an innovative project. 	6	3		4,5	4,5	1	4	Oral questioning
7	<p>VII module. Working capital management</p> <p>The module discusses the concept and structure of working capital, as well as the factors that affect the working capital management process.</p>	6	3		4,5	4,5	1	4	Oral questioning

1	2	3	5	6	7	8	9	10	
	This module covers the following topics: <ul style="list-style-type: none"> - Concept, structure and organization of working capital. - Sources of formation and efficiency of the use of working capital. - Inventory management. - Accounts receivable management - Accounts payable management. 								
8	VIII module. Presentation and promotion of innovative and IT products and projects to attract funding	6	3		4,5	4,5	2	4	Testing
1 4	Formative assessment	6	6				10	26	Exam
	Total hours:		44		36	36	14	58	

4.2. Plan for Out-of-Class Student Self-Study of the Discipline

Se mester	Section, Themes	Self-Study			Assessment tool	Self-Study Educational and Methodological Support
		Type of Self-study	Deadli nes	Load (hr.)		
6	Module I. The subject of financial management	Study of the material, preparation for the survey	1-2 weeks	4	Oral questioning	<i>Pogodina, T. V.</i> Financial Management: Textbook and Practicum for Universities

Semester	Section, Themes	Self-Study			Assessment tool	Self-Study Educational and Methodological Support
		Type of Self-study	Deadlines	Load (hr.)		
6	Module II. Finance and Financial Reporting	Study of the material, preparation for the survey	Week 3-4	4	Oral questioning	<i>Lukasevich, I. Ya.</i> Financial Management in 2 Part 1.,
6	Module III. Time Value of Money	Study of the material, preparation for the survey	Week 5-6	4	Oral questioning	<i>Lukasevich, I. Ya.</i> Financial Management in 2 Part 1., <i>Pogodina, T. V.</i> Financial Management: Textbook and Practicum for Universities
6	Module IV. Business financing, financial instruments	Study of the material, preparation for the survey	7-8 weeks	4	Oral questioning	<i>Lukasevich, I. Ya.</i> Financial management in 2 h. Part 2.
6	Module V. Innovative projects and their evaluation	Study of the material, preparation for the survey	Weeks 9-10	4	Oral questioning	<i>Lukasevich, I. Ya.</i> Financial management in 2 h. Part 2.
6	VI module. Capital structure and cost of capital	Study of the material, preparation for the survey	Week 11-12	4	Oral questioning	<i>Lukasevich, I. Ya.</i> Financial management in 2 h. Part 2.

Semester	Section, Themes	Self-Study			Assessment tool	Self-Study Educational and Methodological Support
		Type of Self-study	Deadlines	Load (hr.)		
6	VII module. Working capital management –	Study of the material, preparation for the survey	Weeks 13-14	4	Oral questioning	<i>Lukasevich, I. Ya. Financial Management in 2 Part 1., Pogodina, T. V. Financial Management: Textbook and Practicum for Universities</i>
6	VIII module. Presentation and promotion of innovative and IT products and projects to attract funding	Studying the material, preparing a presentation	Weeks 15-16	4	Presentation	Moscow Exchange School https://school.moex.com/
Total (hour)				32		
Total self-study load using e-learning and distance learning technologies (hour)				–		

4.3 Learning Content

The course consists of eight modules.

In this module, the concepts and basic terms of financial management are revealed, the following concepts are revealed:

- the concept of an innovative enterprise.
- the concept of an innovative and IT project and product.
- the role of financial management and its place in the management system of an innovative enterprise.
- the purpose and objectives of financial management of an innovative enterprise.
- the subject, object, essence and main functions of financial management as a whole.
- corporate governance and the theory of agency relations.

Module II. Finance and Financial Reporting

The module reveals such basic concepts as financial resources of enterprises, budgeting. The importance of financial statements is explained. Skills in drawing up forecast budgets and preparing financial statements are acquired. Analysis of the plan/fact of budget execution, calculation of financial ratios to determine the financial condition of the enterprise.

This module covers the following topics:

- Basic concepts of budget management. Interpretation of the main forms of reporting (Operating Conditions, Cash Flow Statements, Balance Sheet).
- Financial planning and forecasting of financial statements.
- Drawing up a business plan for the enterprise. The structure of a comprehensive business plan and its role in the development of financial forecasts, investment projects.
- Analysis and interpretation of financial statements in relation to innovative enterprises.

This module covers the following topics:

- Basic concepts of budget management. Interpretation of the main forms of reporting (Operating Conditions, Cash Flow Statements, Balance Sheet).
- Financial planning and forecasting of financial statements.
- Drawing up a business plan for the enterprise. The structure of a comprehensive business plan and its role in the development of financial forecasts, investment projects.
- Analysis and interpretation of financial statements.

Module III. Time Value of Money

This module discusses the concepts of cash flow, discounted value of cash, annuity.

- The concept of the time value of money.
- Basic rules for calculating cash flow.
- Principles of evaluation of innovative and IT projects.

Module IV. Business financing, financial instruments

The module covers such basic concepts as financial resources of enterprises, equity and borrowed capital, risk, profitability. The main sources of financing are identified, the main advantages and disadvantages, methods of assessing the sources of capital (shares, bonds, profits) are revealed.

This module covers the following topics:

- Financial resources of enterprises (attracted and own) – basic concepts and terms;
- Sources of external financing (ordinary and preferred shares). Issue (issue) of shares.
- Borrowed capital. Interest rates and the risk associated with interest rates. Short-term sources of financing (overdraft, factoring, promissory notes, etc.).
- Internal sources of financing (retained earnings).
- Attracting investors for the implementation of innovative and IT projects and products.

Module V. Innovative projects and their evaluation

The module is aimed at acquiring practical skills in building financial models and their evaluation. The concepts of net present value of the project, internal rate of return, payback period are revealed.

This module covers the following topics:

- The concept and types of investment projects for innovative and IT products.
- Methods of investment valuation.
- Investment policy of the enterprise. Long-term investment decisions.
- Criteria for making investment decisions. Technique for calculating the criteria for the effectiveness of investment projects.
- Financial analysis of the effectiveness of investment decision-making. Net present value of the project rule. Internal rate of return on investment. Modified internal rate of return. Payback period of the project.
- Sensitivity analysis.
- Risk and investment decisions. Classification of risks. Methodology for analyzing project risks.
- Analysis of scenarios for the implementation of innovative projects.

VI module. Capital structure and cost of capital

In practice, the module calculates the cost of capital of the enterprise and its impact on investment decision-making, gives the concepts of financial and operational leverage, and evaluates various options for the capital structure. Price of the company's sources of capital

This module covers the following topics:

- Features of the financial asset "share" and determination of its price as a source of capital.
- Features of the financial asset "bond" and determining its price as a source of capital
- Determination of the source price "retained earnings"
- Determination of the weighted average cost of capital
- The essence of the concept of financial leverage
- Mechanism of operation of the operating lever
- Calculation of the break-even point of an innovative project.

VII module. Working capital management

The module discusses the concept and structure of working capital, as well as the factors that affect the working capital management process.

This module covers the following topics:

- Concept, structure and organization of working capital.
- Sources of formation and efficiency of the use of working capital.
- Inventory management.
- Accounts receivable management
- Accounts payable management.

VIII module. Presentation and promotion of innovative and IT products and projects to attract funding.

This module examines the IPO of an innovative enterprise.

4.3.1. List of Practical Sessions

№	Theme Number	Seminars, Practical and Laboratory Work	Load (hr.) intensity (hours)		Assessment Tools	Developed Competencies (Indicators)
			Total hours	Including Practical Sessions		

1	2	3	4	5	6	7
1	1	Corporate Governance and Agency Theory	4	–	Oral questioning	PC 2.2
2	2	Drawing up a business plan for an innovative product/project and an innovative enterprise	4	–	Oral questioning	PC 1.3., PC 2.3
3	3	Basic rules for calculating cash flow in the implementation of an innovative and IT project	4	–	Oral questioning	PC 1.3
4	4	Sources of external financing (ordinary and preferred shares)	4	–	Oral questioning	PC 1.3, PC 2.3
5	5	Financial Analysis of the Efficiency of Investment Decision-Making at an Innovative Enterprise	4	–	Oral questioning	PC 2.3
6	6	Calculating the cost of capital	4	–	Oral questioning	PC 1.3
7	7	Working capital analysis	4	–	Oral questioning	PC 2.2
8	8	Presentation of innovative and IT projects and products for institutional and private investors	4	–	Present ation	GPC - 5.2
		Total Hours	32			

4.3.2. List of Topics (Questions) Assigned for Independent Work as Part of Student Self-Study

№ p/n	Subject	Task	Competency Being Formed	IDM
1	2	3	4	5
1	Module I. The subject of financial management	Study the following resources: Subject, object, essence and main functions of financial management; Basic concepts and features of financial management and difference from other disciplines.	PC-2 Able to manage the budget of a series of IT products and innovative products	PC 2.2
2	Module II. Finance and Financial Reporting	Study the following resources: The structure of a comprehensive business plan and its role in the development of financial forecasts, investment	PC-1 Able to develop, coordinate and control the implementation of business plans, pricing	PC 1.3., PC 2.3

		projects.	policy and development strategy for a series of innovative and IT products PC-2 Able to manage the budget of a series of IT products and innovative products	
3	Module III. Time Value of Money	Study the following resources: The Concept of the Time Value of Money Automation of calculations	PC-1 Able to develop, coordinate and control the implementation of business plans, pricing policy and development strategy for a series of innovative and IT products	PC 1.3
4	Module IV. Business financing, financial instruments	Explore the following resources -Borrowed capital. Interest rates and the risk associated with interest rates. Short-term sources of financing (overdraft, factoring, promissory notes, etc.).	PC-1 Able to develop, coordinate and control the implementation of business plans, pricing policy and development strategy for a series of innovative and IT products PC-2 Able to manage the budget of a series of IT products and innovative products	PC 1.3, PC 2.3

5	Module V. Innovative projects and their evaluation	Explore the following resources Financial analysis of the effectiveness of investment decision- making. Net present value of the project rule. Internal rate of return on investment. Modified internal rate of return. Payback period of the project.	PC-2 Able to manage the budget of a series of IT products and innovative products	PC 2.3
6	VI module. Capital structure and cost of capital	Explore the following resources Features of the financial asset "bond" and determining its price as a source of capital – Determination of the source price "retained earnings"	PC-1 Able to develop, coordinate and control the implementation of business plans, pricing policy and development strategy for a series of innovative and IT products	PC 1.3
7	VII module. Working capital management	Explore the following resources – Sources of formation and efficiency of the use of working capital.	PC-2 Able to manage the budget of a series of IT products and innovative products	PC 2.2
8	VIII module. Presentation and promotion of innovative and IT products and projects to attract funding	Study the following resources: Ways to conduct an IPO: roadmaps	GPC-5 Able to solve problems in the field of innovative processes in science, engineering and technology, taking into account the legal regulation in the field of intellectual property	GPC-5.2

4.4. Guidelines for Organizing Student Self-Study

Independent work of students is carried out using e-learning and distance learning technologies. Educational and methodological materials for self-study are available to students through electronic library systems and the Hecadem Internet learning system, which presents materials of lectures and practical (seminar) classes, interactive forms of training, examples of tasks. The Hecadem Internet Learning System is a platform for distance learning and learning using digital technologies of the Baikal International Business School of ISU. Each student receives authorized access to the system. Available at: <https://edu.buk.irk.ru>.

Independent work consists of:

- in the student's independent preparation for the lecture – reading the notes of the previous lecture, watching the video version of the lecture (if any). This helps to better understand the material of the new lecture, relying on previous knowledge;
- in preparation for practical classes on the main and additional sources of literature;
- in independent study of individual topics or questions in classes on the main and additional sources of literature, on sources on the Internet and on the electronic portal of the university;
- in preparation for current control and intermediate certification.

When performing independent work in preparation for current control and intermediate certification, the student must take into account the criteria for evaluating the task being performed (section 8 of this program).

Independent work consists of:

- in the student's independent preparation for the lecture – reading the notes of the previous lecture, watching the video version of the lecture (if any). This helps to better understand the material of the new lecture, relying on previous knowledge;
- in preparation for practical classes on the main and additional sources of literature;
- independent study of individual topics or issues from textbooks or manuals, from sources on the Internet and on the electronic portal of the university;
- in preparation for current control and intermediate certification.

When performing independent work in preparation for current control and intermediate certification, the student must take into account the criteria for evaluating the task being performed (section 8 of this program).

Control over independent work is carried out when the student performs tasks from the fund of assessment materials of the discipline. In the course of independent work control, both the actual knowledge, skills and abilities of students are assessed, as well as the depth of understanding and the ability to isolate and interpret integral semantic structures, as well as the skills of independent search for the necessary information on the topic of the lesson and its critical assessment.

V. Educational, Methodological, and Information Support for the Discipline

a) Required Reading:

1. *Pogodina, T. V.* Financial Management: Textbook and Practicum for Higher Educational Institutions / T. V. Pogodina. – Moscow: Yurayt Publishing House, 2022. – 351 p. – (Higher Education). – ISBN 978-5-534-03375-5. – Text : electronic // Educational platform Yurayt [site].

– URL: <https://urait.ru/bcode/489484>

2. *Lukasevich, I. Ya.* Financial Management in 2 Parts 1. Basic Concepts, Methods and Concepts: Textbook and Practicum for Higher Educational Institutions / I. Y. Lukasevich. – 4th ed., revised and supplemented – Moscow: Yurayt Publishing House, 2022. – 377 p. – (Higher Education). – ISBN 978-5-534-03726-5. – Text : electronic // Educational platform Yurayt [site].

– URL: <https://urait.ru/bcode/488925>

3. *Lukasevich, I. Ya.* Financial Management in 2 Part 2. Investment and Financial Policy of the Firm: Textbook and Practicum for Higher Educational Institutions / I. Y. Lukasevich. – 4th ed., revised and supplemented – Moscow: Yurayt Publishing House, 2022. – 304 p. – (Higher

Education). – ISBN 978-5-534-03727-2. – Text : electronic // Educational platform Yurayt [site].
– URL: <https://urait.ru/bcode/492680>

Additional Sources:

1. Financial Management: Textbook for Academic Bachelor's Degree / G. B. Polyak [i dr.] ; executive editor G. B. Polyak. – 4th ed., revised and supplemented – Moscow: Yurayt Publishing House, 2022. – 456 p. – (Author's textbook). – ISBN 978-5-9916-4395-5. – Text : electronic // Educational platform Yurayt [site]. – URL: <https://urait.ru/bcode/507804>
2. *Nezamaykin, V. N.* Financial Management: Textbook for Bachelors / V. N. Nezamaykin, I. L. Yurzinova. – Moscow: Yurayt Publishing House, 2022. – 467 p. – (Bachelor's Academic Course). – ISBN 978-5-9916-3638-4. – Text: electronic // Educational platform Yurayt [site]. – URL: <https://urait.ru/bcode/508163>
3. *Vyatkin, V. N.* V. N. Vyatkin, V. A. Gamza, D. D. Hampton. — 4th ed., revised and supplemented — Moscow: Yurayt Publishing House, 2022. — 325 p. — (Higher Education). — ISBN 978-5-534-02299-5. — Text: electronic // Educational platform Yurayt [site]. — URL: <https://urait.ru/bcode/491156>

b) Databases, reference and retrieval systems

1. EBS ECZ "Bibliotech". State Contract No 019 dated 22.02.2011 Bibliotech LLC. License Agreement No 31 dated 22.02.2011 Access address: <https://isu.bibliotech.ru/> Validity: from 22.11.2011 indefinitely.
2. EBS "Rukont" Contract No 98 dated 11/13/2020; Act No bK-5415 dated 11/14/20 Valid until 11/13/2021. access: <http://rucont.ru/>
3. EBS "Lan Publishing House". LLC "Lan Publishing House". Information letter No 128 dated 09.10.2017 Validity period: indefinite. Access address: <http://e.lanbook.com/>
4. EBS "National Digital Resource "Rukont". Central Design Bureau "Bibkom". Contract No 04-E-0343 dated 12.11.2021 Access address: <http://rucont.ru/>
5. EBS "Ibuku.ru/ibooks.ru". LLC "Ibux". Contract No 04-E-0344 dated 12.11.2021; Act dated 14.11.2021. Access address: <http://ibooks.ru>
6. Electronic Library System "EBS Yurayt". LLC "Electronic Publishing House Yurayt". Contract No 04-E-0258 dated 20.09.2021. Available at: <https://urait.ru/>
7. School of the Moscow Exchange. Access address: <https://school.moex.com/>

VI. Material and Technical Support for the Discipline

6.1. Educational and Laboratory Equipment

Names of specialized premises and self-study areas	Equipment of specialized premises and self-study areas	List of licensed software. Details of the supporting document
Classroom for lecture-type classes	The classroom is equipped with specialized (educational) furniture for 48 students and technical teaching aids that serve to	BASIC SOFTWARE INSTALLATION KIT:Office 2007 Russian OpenLicensePack NoLevel AcademicEdition – agreement with SoftLine Trade Tr026664 dated 17.05.2007Project Standard 2007, Access 2007 – Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. –Agreement with CJSC "SoftLine Trade" Tr000023480 dated 19.05.2015 Windows Operating

	<p>present educational information to a large audience. 1. PC HP Elite 8300 SFF i5 3470/4Gb/1Tb/DV DRV/kb/m/DOS/So lenoid Lock and Hood Sensor (RUS) 2. Monitor Viewsonic TFT 20" VA2014WM glossy-black 5ms 20 00:1 250cd M/M 3. Projector Epson EB-18304. Active speakers Genius SP-S110 black 5. Video signal splitter Aten VS92A 2- port VGA It is equipped with educational and visual aids and electronic presentations that provide thematic illustrations on all topics specified in the work program of the discipline</p>	<p>Systems for Licensed OEM Pre-Installation Programs, Academic Cooperation Programs with Microsoft MSDN AA.- Agreement with CJSC "SoftLine Trade" Tr017431 dated 15.05.2008 Windows Operating Systems for Licensed OEM Pre-Installation Programs, Academic Cooperation Programs with Microsoft DreamSpark Premium Electronic Software Delivery. – agreement with CJSC "SoftLine Trade" Tr000031723 dated 05.08.2015 Anti-virus programs - Rights to computer programs drWeb Server Security complex protection 120PC (1 license per year) migration with additional purchase (LBW-BC-12M-120:119-C4) – agreement with CJSC "SoftLine Trade" 13982/MOS2957 dated 22.01.2016 Archivers WinRAR: 3.x: Standard License - for legal entities 100-199 licenses – agreement with CJSC "SoftLine Trade" No15422/IRK11 dated 05.02.2010 Network client part Rights to computer programs Windows Server CAL 2012 Russian OLP NL Academic Edition Device CAL 120 licenses – agreement with CJSC "SoftLine Trade" 13512/MOS2957 dated 29.10.2015 Firewall, Proxy functionality - Right to use computer programs Traffic Inspector GOLD preferential – agreement with CJSC "SoftLine Trade" Tr044356 dated 27.08.2013 Right to use computer programs Extension of Traffic Inspector GOLD Special for 1 year – agreement with CJSC "SoftLine Trade" Tr000112196 dated 29.09.2016</p>
<p>Classroom for seminar-type classes</p>	<p>The auditorium is equipped with specialized (educational) furniture for 48 students and technical teaching aids that serve to present educational information to a large audience The demonstration kit includes: 1. PC HP Elite 8300 SFF i5 3470/4Gb/1Tb/DV DRV/kb/m/DOS/So lenoid Lock and Hood Sensor (RUS) 2. Monitor</p>	<p>BASIC INSTALLATION KIT: Office 2007 Russian OpenLicensePack NoLevel AcademicEdition – agreement with SoftLine Trade Tr026664 dated 17.05.2007 Project Standard 2007, Access 2007 – Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. – agreement with SoftLine Trade CJSC Tr000023480 dated 19.05.2015 Windows operating systems under licensed OEM preinstallation programs, Academic cooperation programs with Microsoft MSDN AA.- agreement with CJSC "SoftLine Trade" Tr017431 dated 15.05.2008 Windows operating systems under licensed OEM preinstallation programs, Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. – agreement with CJSC "SoftLine Trade" Tr000031723 dated 05.08.2015 Anti-Virus Programs - Rights to computer programs drWeb Server Security complex protection 120PC (1 license per year) migration with additional purchase</p>

	<p>Viewsonic TFT 20" VA2014WM glossy-black 5ms 20 00:1 250cd M/M3. Projector Epson EB-18304. Genius SP-S110 Active Speakers Black5. Aten VS92A Video Splitter 2-port VGA</p>	<p>(LBW-BC-12M-120:119-C4) – contract with CJSC "SoftLine Trade" 13982/MOS2957 dated 22.01.2016 Archivers WinRAR: 3.x: Standard License - for legal entities 100-199 licenses – agreement with CJSC "SoftLine Trade" No15422/IRK11 dated 05.02.2010 Network client part Rights to computer programs Windows Server CAL 2012 Russian OLP NL Akademic Edition Device CAL 120 licenses – agreement with CJSC "SoftLine Trade" 13512/MOS2957 dated 29.10.2015 Firewall, functionality Proxy - Right to use computer programs Traffic Inspector GOLD preferential – agreement with CJSC "SoftLine Trade" Tr044356 dated 27.08.2013 Right to use computer programs Extension of Traffic Inspector GOLD Special for 1 year – agreement with CJSC "SoftLine Trade" Tr000112196 dated 29.09.2016</p>
<p>Auditorium for group and individual consultations, current control and intermediate certification</p>	<p>The classroom is equipped with specialized (educational) furniture for 11 students, 5 workplaces, equipped with computers with Internet connection and access to the EIOS of the Federal State Budgetary Educational Institution of Higher Education "ISU". 1. 5 Workstations HP compad dc7800SFF Dual Core PE-2180, 4 Gb DDR2 PC6400, 160GB SATA 3.0 HDD2. LCD Monitor 17.0" ViewSonic "VA703m" 1280x1024, 8mc, TCO"03, Silver-Black (D-Sub, MM)3. Printer Hewlett-Packard LaserJet 3055 All-in-One</p>	<p>BASIC SOFTWARE INSTALLATION KIT:Office 2007 Russian OpenLicensePack NoLevel AcademicEdition – agreement with SoftLine Trade Tr026664 dated 17.05.2007Project Standard 2007, Access 2007 – Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. –Agreement with CJSC "SoftLine Trade" Tr000023480 dated 19.05.2015 Windows Operating Systems for Licensed OEM Pre-Installation Programs, Academic Cooperation Programs with Microsoft MSDN AA.- Agreement with CJSC "SoftLine Trade" Tr017431 dated 15.05.2008 Windows Operating Systems for Licensed OEM Pre-Installation Programs, Academic Cooperation Programs with Microsoft DreamSpark Premium Electronic Software Delivery. – agreement with CJSC "SoftLine Trade" Tr000031723 dated 05.08.2015Anti-virus programs - Rights to computer programs drWeb Server Security complex protection 120PC (1 license per year) migration with additional purchase(LBW-BC-12M-120:119-C4) – agreement with CJSC "SoftLine Trade" 13982/MOS2957 dated 22.01.2016Archivers WinRAR: 3.x: Standard License - for legal entities 100-199 licenses – agreement with CJSC "SoftLine Trade" No15422/IRK11 dated 05.02.2010Network client part Rights to computer programs Windows Server CAL 2012 Russian OLP NL Akademic Edition Device CAL 120 licenses – agreement with CJSC "SoftLine Trade" 13512/MOS2957 dated 29.10.2015Firewall, Proxy functionality - Right to use computer programs Traffic Inspector GOLD preferential – agreement with CJSC "SoftLine Trade" Tr044356 dated 27.08.2013Right to use computer</p>

	Multifunction Device, one piece.	programs Extension of Traffic Inspector GOLD Special for 1 year – agreement with CJSC "SoftLine Trade" Tr000112196 dated 29.09.2016
Room for independent work of students	<p>It is equipped with specialized (educational) furniture for 10 students, equipped with computer equipment connected to the Internet and provided with access to the EIOS of ISU</p> <p>1. Think Centre M80 Series SFF System Unit Included: Intel® Core™ i3-540 Clarkdale 2.93GHz / 1333MHz / Dual Core™ / 4M / 73W / LGA 1156 / 32nm / 4GB PC3-10600 SDRAM x 2 / 250 GB, 7200RPM SATA</p>	<p>BASIC SOFTWARE INSTALLATION KIT:Office</p> <p>2007 Russian OpenLicensePack NoLevel AcademicEdition – agreement with CJSC "SoftLine Trade" Tr026664 dated 17.05.2007</p> <p>Project Standard 2007, Access 2007 - Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. – agreement with CJSC "SoftLine Trade" Tr000023480 dated 19.05.2015 Windows operating systems under licensed OEM preinstallation programs, Academic cooperation programs with Microsoft MSDN AA.- Agreement with CJSC "SoftLine Trade" Tr017431 dated 15.05.2008 Windows operating systems for licensed OEM pre-installation programs, Academic cooperation programs with Microsoft DreamSpark Premium Electronic Software Delivery. – Agreement with CJSC "SoftLine Trade" Tr000031723 dated 05.08.2015 Anti-Virus Programs - Rights to computer programs drWeb Server Security, complex protection 120PC (1 license per year)</p>
	<p>/DVD RW - 10pcs 2. LCD Monitor - 20.0 ViewSonic "VA2013w" 1600x900, 5mc, TCO 03, Black (D-Sub) - 10pcs 3. HP LaserJet 5000N, A3, 22ppm, 32 MB, 250&500 sheet feeder, JetDirect 615n prn svr 4. HP LaserJet 5100th, A3, 22ppm, 32 MB, 250&500 sheet feeder, JetDirect 615n prn svr</p>	<p>migration with additional purchase (LBW-BC-12M-120:119-C4) – agreement with CJSC "SoftLine Trade" 13982/MOS2957 dated 22.01.2016</p> <p>Archivers WinRAR: 3.x: Standard License - for legal entities 100-199 licenses – agreement with CJSC "SoftLine Trade" No15422/IRK11 dated 05.02.2010</p> <p>Network client part Rights to computer programs Windows Server CAL 2012 Russian OLP NL Akademic Edition Device CAL 120 licenses – agreement with CJSC "SoftLine Trade" 13512/MOS2957 dated 29.10.2015</p> <p>Firewall, Proxy functionality - Privileged right to use Traffic Inspector GOLD computer programs – agreement with CJSC "SoftLine Trade" Tr044356 dated 27.08.2013</p> <p>Right to use computer programs Extension of Traffic Inspector GOLD Special for 1 year – agreement with CJSC "SoftLine Trade" Tr000112196 dated 29.09.2016</p>

6.2. Software:

The university is provided with the necessary set of licensed and freely distributed software,

including domestic production:

1. Basic installation kit for: Office 2010 Services for granting the right to use Microsoft Desktop Edu ALNG LicSAPk OLV E 1Y Acdmc Ent., 39-licenses for BMBS ISU. Contract No 03-K-1131 dated 11/29/2021 KOSGU 226.4
2. Project Standard 2007, Access 2007 – ISU Azure Dev Tools for Teaching subscription (Visio, Projekt) 1 Year. Microsoft Corporation, One Microsoft Way, Redmond, WA 98052. Expiration Date March 31, 2023.
3. Microsoft Project Professional 2010, ISU Azure Dev Tools for Teaching subscription (Visio, Projekt) 1 year. Microsoft Corporation, One Microsoft Way, Redmond, WA 98052. Expiration Date March 31, 2023.
4. Operating systems Windows'7, Windows'10 Services for granting the right to use Microsoft Desktop Edu ALNG LicSAPk OLV E 1Y Acdmc Ent., 39-licenses for BMBS ISU. Contract No 03-K-1131 dated 11/29/2021 KOSGU 226.4
5. Anti-virus programs - Dr.Web renewal Contract No Tr000582689/03-E-0043 dated February 05, 2021 Invoice No Tr000582689 dated February 08, 2021
6. WinRAR Archivers: 3.x: Standard Licence - for legal entities 100-199 licenses - annex. No1 to contract No15422/IRK11 of CJSC "SoftLine Trade" dated 05.02.2010
7. Network client part Rights to computer programs Windows Server CAL 2012 Russian OLP NL Academic Edition Device CAL 120 licenses - account Tr000051059 CJSC "SoftLine Trade" dated 27.10.2015
8. Firewall, Proxy functionality - Right to use computer programs Traffic Inspector GOLD preferential account Tr005456 CJSC "SoftLine Trade" dated 27.08.2013
9. Traffic Inspector GOLD Special* for 5 years Contract RSZ-0000276 dated 16.11.2021 KOSGU 226.4 License renewal

6.3. Technical and electronic training aids:

Multimedia tools and other equipment for presentations of educational material:

1. HP EliteDesk 800 G4 SFF Intel Core i5 8500(3Ghz)/8192Mb/1000Gb/DVDrw/war 3y/W10Pro +V2. ViewSonic 21.5" VA2245a Monitor - LED [LED, 1920x1080, 10M: 1 5ms, 170gor, 160ver, D-Sub]3. Projector Nec M420X LCD 4200ANSI Lm XGA 2000:1 Lamp 3500h. Eco modeHDMI USB Viewer RJ-45 10W 3.6 kg4. Jetbalance JB-115U 2.0 Black Speakers (4W)
 5. Aten VS92A 2-port VGA Video Signal Splitter
- List of licensed software used:
1. Office 2010 under the program of academic cooperation with Russian Microsoft Desktop Education AllNg License/Software Assurance Pack Academic OLV 1License LevelEEnterprise
 2. Project Standard 2007, Access 2007 – under the program of academic cooperation with Microsoft DreamSpark Premium Electronic Software Delivery.
 3. Microsoft Project Professional 2010, Microsoft Visio Professional 2010 under the program of academic cooperation with Microsoft Imagine Standard Electronic Software Delivery with the assistance of the Central Research Center of ISU.

VII. Educational Technologies

In accordance with the requirements of the Federal State Educational Standard in the field of training, the implementation of the competency-based approach provides for the widespread use of active and interactive forms of conducting classes in the educational process (computer simulations, business and role-playing games, analysis of specific situations) in combination with extracurricular work in order to form and develop the professional skills of students. The training course includes meetings with representatives of Russian companies, state and public organizations, master classes of experts and specialists.

Teaching the discipline involves the use of the following educational technologies:

- conducting classroom classes using multimedia technologies, audio and video materials;

- conducting lectures in the form of a problem lecture, lecture-discussion (if necessary, in the form of a webinar with a recording of the lecture for subsequent viewing);
- the use of a problem-oriented approach through independent work;
- test technologies on the remote platform of the BMBS "Gekadem";
- the use of interactive training technologies, such as group discussion, work in small groups;
- conducting master classes with specialists;
- performance of tests and independent work by students.

The share of classes conducted in interactive forms - practical classes - is determined by the main goal (mission) of the program, the characteristics of the contingent of students and the content of specific disciplines (determined by the requirements of the Federal State Educational Standard, taking into account the specifics of the Main Professional Educational Program-MPEP). Lecture-type classes for the relevant groups of students are determined by the relevant working curriculum in accordance with the requirements of the Federal State Educational Standard.

Distance technologies used in the implementation of various types of educational work:

- individual communication with students through the teacher's e-mail;
- use of the educational portal of ISU <https://educa.isu.ru/> and the platform of Baikal International Business School BIBS) "Hecadem" to organize current monitoring of progress and attendance.

VIII. Materials for Formative and Summative Assessment

8.1. Assessment tools for incoming control

Entrance testing in the discipline "Financial Management at an Innovative Enterprise" is not carried out, since basic knowledge of management, economics is enough to master the discipline.

8.2. Assessment materials for current control and intermediate certification

№	Formats of Assessment Tools	Assessed Themes (Sections)	Assessed Competencies/ Indicators
3	Oral questioning	Topics 1, 2, 6, 7	UC 2.2, UC 2.3, UC 1.3
4	Test	Topic 3, 4, 5, 8	UC 2.2., UC 2.3, GPC 5.2

8.3. Types of assessment tools used for current control and intermediate certification

The list of assessment tools used to assess competencies at various stages of their formation, as well as a brief description of these tools, is given in the table

	Name Valuation Funds	Brief description of the assessment tool	Performance Valuation Funds
1.	Oral questioning	<p>A means of monitoring independent work or assimilation of the results of a practical lesson, organized as a special conversation between the teacher and the student on topics related to the discipline being studied, and designed to find out the amount of knowledge of the student on a certain section, topic, issue, etc.</p> <p>It can be used to assess the skills, abilities and (or) experience of students.</p>	Questions for oral questioning on the topics (sections) of the discipline
2.	Test	A system of standardized tasks that allows you to automate the procedure for measuring the level of knowledge and skills of a student. Performed by a	List of test tasks

		student in the LMS "Hecadem"). The number of questions in the test is 25, the time to complete is 45 minutes, the number of attempts is 1. It can be used to assess the knowledge and skills of students	
3.	Exam	<p>A means that allows you to assess the knowledge, skills, and (or) experience of a student's activities in a discipline. It is conducted orally in the form of an interview on the topics from section 8.7. The preparation time is 45 minutes.</p> <p>It can be used to assess the knowledge, skills, and (or) experience of students' activities</p>	List of theoretical questions and practical tasks for credit

8.4. Evaluation criteria for assessing competence development during intermediate certification and current control

Oral questioning

Grading scale	Characteristics of the result (answer)	Level of competence development
86 – 100 points	The student's answer reflects the main concepts and theories on this issue, their critical analysis and comparison, the described theoretical provisions are illustrated with practical examples and empirical data. Students formulate and substantiate their own point of view on the stated problems, the material is presented in professional language using the appropriate system of concepts and terms	High
70 – 85 points	In the student's answer, the main modern concepts and theories on this issue are described and compared, the described theoretical provisions are illustrated with practical examples, the student formulates his own point of view on the stated problems, but he experiences some difficulties in its argumentation. The material is presented in professional language using the appropriate system of concepts and terms	Basic
61 - 70 points	The student's answer reflects only some modern concepts and theories on this issue, the analysis and comparison of these theories is not carried out. The student experiences significant difficulties in illustrating theoretical provisions with practical examples. The student does not have his own point of view on the stated problems. The material is presented in professional language using the appropriate system of concepts and terms	Minimum
0 – 60 points	The student's answer does not reflect	Competencies

	modern concepts and theories on this issue. The student cannot give practical examples. The material is inconsistent and illogical, the concepts and terms of the relevant scientific field are not used. The answer reflects the system of non-professional ideas of the student to the stated problem, the student cannot name a single scientific theory, does not give a definition of basic concepts.	are not formed
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Test

Grading scale	Characteristics of the result (answer)	Level of competence development
86 – 100 points	The share of correctly solved test tasks is 86 – 100% of the total volume of tasks in the test.	High
70 – 85 points	The share of correctly solved test tasks is 70 - 85% of the total volume of tasks in the test.	Basic
61 - 70 points	The share of correctly solved test tasks is 55 - 70% of the total volume of tasks in the test.	Minimum
0 – 60 points	The share of correctly solved test tasks is 0 – 54% of the total volume of tasks in the test.	Competencies are not formed

Interim certification in the form *of an exam*

Grading scales		Assessment criteria	Level development competencies
86 – 100 points	"excellent"	The student correctly answered the theoretical questions. Showed excellent knowledge within the framework of the educational material. Correctly completed practical tasks. Showed excellent skills and mastery of the skills gained in applying the acquired knowledge and skills in solving problems within the framework of the educational material. Answered all additional questions	High
70 – 85 points	"Good"	The student answered theoretical questions with minor inaccuracies. Showed good knowledge within the framework of the educational material. With minor inaccuracies, he completed practical tasks. Showed good skills and mastery of the skills gained in applying the knowledge and skills gained in solving problems within the framework of the educational material. Answered most of the additional questions	Basic
61 - 70 points	"satisfactory"	The student answered theoretical questions with significant inaccuracies. Showed satisfactory knowledge within the framework of the educational material. With	Minimum

		significant inaccuracies, he completed practical tasks. Showed satisfactory skills and skills in applying the acquired knowledge and skills in solving problems within the framework of the educational material. Made a lot of inaccuracies when answering additional questions	
0 – 60 points	"Unsatisfactory"	The student, when answering theoretical questions and performing practical tasks, demonstrated an insufficient level of knowledge and skills in solving problems within the framework of the educational material. When answering additional questions, many incorrect answers were made	Competencies are not formed

8.5. Description of the procedures for conducting interim certification and assessment of learning outcomes

When conducting intermediate certification in the form of an exam, the teacher can use the results of current monitoring of progress during the semester and the results of testing on the materials studied during the semester. Assessment tools and standard control tasks used in the current control, in conjunction with testing, allow you to assess the knowledge, skills and possession of skills/experience of students in the development of the discipline. In order to use the results of the current monitoring of progress, the teacher calculates the average assessment of the level of formation of the student's competencies (the sum of the grades received by the student is divided by the number of grades). The time of testing is announced to students in advance.

Intermediate certification in the form of an exam is carried out by means of an oral interview on tickets. The tickets were designed in such a way that each of them included theoretical questions and practical tasks.

The ticket contains: one theoretical question for assessing knowledge, theoretical questions are selected from the list of questions for the exam; one practical task (selected from the list of standard practical tasks for the exam).

The distribution of theoretical questions and practical tasks on exam tickets is closed to students. At the exam, the student takes a ticket, and the student is given time within 45 minutes to prepare an answer to the exam ticket. In the process of answering the student's questions and tasks on the ticket, the teacher may ask additional questions.

Each question/task of the ticket is evaluated on a hundred-point scale, and then the arithmetic mean of the scores received for each question/task is calculated. The arithmetic mean of grades is rounded to an integer according to the rules of arithmetic rounding.

8.6. Demonstration versions of assessment tools of current control

Name Valuation Funds	Example of a valuation tool
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1.	Questions for oral questioning on the topics (sections) of the discipline	<p>Task 1. Choose the right option, justify and argue your choice. Which of the following can be considered as the main goal of the financial manager of an innovative company, the shares of which are traded on the stock exchange:</p> <ol style="list-style-type: none"> 1. Maximizing the company's net profit; 2. Maximizing shareholder welfare; 3. Maximizing the size of the company 4. No Right Answer <p>Task 2. Choose the right option, justify and argue your choice. The payback period of an innovative and IT project can be characterized as:</p> <ol style="list-style-type: none"> 1. Period of operation of the project; 2. The period at which the net present value of the project becomes positive; 3. Planning horizon period; 4. There is no right answer. <p>Task 3. Choose the right option, justify and argue your choice. Profitability ratios show:</p> <ol style="list-style-type: none"> 1. The cumulative impact of liquidity, asset and source management measures on the results of financial activities; 2. To what extent the firm is financed by debt and whether the cash flow is sufficient to cover debt servicing costs and other fixed costs; 3. Ratio of working capital to short-term liabilities 4. No Right Answer
2.	Examples of test tasks	<p>Single-choice tasks. Choose one correct answer</p> <p>1. The system of principles and methods for the development and implementation of management decisions related to the formation, distribution and use of financial resources of enterprises and organizations and the turnover of their funds is</p> <ol style="list-style-type: none"> 1. enterprise finances 2. Financial Management 3. management activities 4. financial rehabilitation <p>2. The cash flow statement is prepared in two ways</p> <ol style="list-style-type: none"> 1. direct and accrual methods; 2. direct and indirect methods; 3. simple and detailed methods 4. No Right Answer <p>3. Accounts receivable are</p> <ol style="list-style-type: none"> 1. Current assets expressed in units 2. part of current assets representing liabilities to settle with the budget 3. part of current assets representing the liabilities of buyers, customers and other parties 4. part of current assets, which is the amount of net cash receipts from activities

8.7. Sample questions for the exam:

1. Goals and objectives of the corporation and financial management at an innovative enterprise

2. The Agency Problem and Ways to Minimize It
3. Financial statements: income statement
4. Financial Statements: Cash Flow Statement
5. Financial statements: balance sheet
6. Financial ratios
7. Time Value of Money: Future Value
8. Time Value of Money: Present Value
9. Profitability: basic concepts, characteristics. Differences Between Arithmetic and Geometric Mean
10. Risk: Definitions, Characteristics, Measurement Methods
11. Bonds: definitions, characteristics, methods of valuation.
12. Bond as a Source of Capital: Corporate Capital Service Costs
13. Ordinary shares: definitions, characteristics, methods of valuation.
14. Preference shares: definitions, characteristics, methods of valuation.
15. Stocks as a Source of Capital: Corporate Capital Service Costs
16. Evaluation of the effectiveness of investment projects: net present value
17. Evaluation of the effectiveness of investment projects: internal rate of return
18. Assessment of the effectiveness of investment projects: payback period
19. Sensitivity analysis in assessing the effectiveness of investment projects
20. Weighted average cost of capital
21. Financial leverage
22. Working capital management
23. Shareholder Wealth Assessment
24. IPO for an innovative enterprise

Sample tasks for the exam

Task:

1. An innovative enterprise attracts capital. The rate on OFZs is 10%, the average market rate on bonds is 13%, the beta is 1 integer and as many tenths as the letter of your surname in the alphabet. For example, for the letter g, the beta is 1.04.
2. Calculate the CAPM and the fair value of the bond. The term of the bond is 7 years, coupon 10%, paid twice a year, par value 1000.
3. You have as many millions of rubles as there are letters in your full name.
4. The bond is sold at a price of 921 rubles. How many bonds can you buy? What is your INCOME for 5 years? What are your cash flows? Bond income is taxed at a rate of 20%. Calculate NPV.

Calculate, show the calculation in the table.

5. You are offered an alternative innovative project, the risks of which you estimate + 5% to the bond. Provided that you have invested the same amount as in bonds, you are offered the following payments: After 2 years 10% of the investment, after 3 years 20% of the investment, after four years 30% of the investment, and after 5 years you can sell the project for the investment*1.3. Calculate income, profitability, and NPV.

Task:

Risk-free return of 7%. The average market is 10%. Company Beta 0.7.

1. How much will the company's profitability change if the market profitability changes by 7%?
2. You are offered to buy a security of this company for 1200 rubles, promising to pay 1300 in a year. Do you agree/refuse because?

Task:

You decided to dramatically expand production against the backdrop of import substitution, and create the production of Korean cosmetics in Irkutsk as an innovative project. Before that, you had a small production line – you made shampoo for pets, and from next year it ceases to

meet safety requirements, and you need to expand your business, attract investors, and actually occupy a market niche. The production line allows this, you just need to buy some additional equipment. You are on the general regime, VAT is 20%, tax is 25%, there are no tax debts at the beginning of the project. TI 1.1% on the cost at the end of the year, we pay this year for the last year. Payments to funds are 30% of the payroll. Personal income tax is 13%.

It is necessary: to collect the balance sheet of the last year, the balance sheet and reporting for the new year, to calculate the investment project for 3 years.

You have the following data at the moment, and the operations that you plan to do next year.

1. Your authorized capital was 500 thousand rubles. For business development, you plan to attract another 3,500 thousand rubles. cash in the authorized capital. The required rate of return for shareholders is 20%.
2. Your uncovered loss was 461 thousand rubles.
3. You had a debt to the bank in the amount of 1011 thousand rubles, the loan term was 5 years, and you plan to attract another 9,000 thousand rubles for 5 years also in cash. The payment is annuity, the rate is 18% per annum. At the end of the year, you pay for the current year.
4. For the components for the shampoo, you owed 927 thousand rubles.
5. You have a unique trademark registered in your name. Its cost is as much as 690 thousand rubles.
6. There is equipment, the useful life is 5 years, it was purchased 2 years ago for 300 thousand rubles. At the beginning of the year, you plan to buy additional equipment for 6,000 thousand rubles, including VAT, the useful life is 3 years. Depreciation is calculated at the end of the year. For tax accounting, we depreciate in the first year with a coefficient of 3.
7. Shampoo stocks for 309 thousand rubles, you are owed 790 thousand rubles, 8 thousand rubles remain on the current account.
8. Within the framework of the project, you plan to rent a new premises (for 2500 thousand rubles per year, pay immediately for 2 years in advance, VAT is not taxed), and rent out your old one for 500 thousand rubles per year (including VAT, prepayment also for 3 years in advance).
9. You want to buy raw materials for 8,000 thousand rubles, including VAT, and pay for it in full. Next, you plan to buy exactly for the remainder of the annual raw material requirement.
10. You produce 19 batches per year, the price of one is 1,000 thousand rubles, including VAT. You sell 18 batches per year, including VAT, but you receive payment a month after shipment (shipments are made daily).
11. The cost of raw materials for one batch is 300 thousand rubles excluding VAT.
12. You must repay the receivable in the amount of 700 thousand rubles and you plan to repay the accounts payable for 910 thousand rubles.
13. Commercial expenses will amount to 1% of your revenue, including VAT.
Administrative expenses – 2% of revenue, including VAT. All these costs will be paid this year.
14. Staff salaries will be accrued in the amount of 750 thousand rubles, paid together with social funds in full.
15. Inflation per year is 10%, prices for products, raw materials, commercial and administrative expenses, wages grow by inflation.

Developer:  Associate Professor of the Department of S&FM Grosheva N.B.
(signature) (position) (FULL NAME)

The program is compiled in accordance with the requirements of the Federal State Educational Standards of Higher Education in the direction of training 27.03.05 Innovation, the training profile "Management of innovative and IT projects and products".

The program was considered at a meeting of the Department of Strategic and Financial Management on March 21, 2025, Minutes No 9.

Head of the Department  N.B. Grosheva

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