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Chairman of the
Educational and Methodological
Council of JSC «International Information
Technology University»

 **Mustafina A.**

«12» December 2024 Protocol of the EMC № 3

APPROVED

Chairman of the Board-Rector of JSC
«International Information
Technology University»



Issakhov A.

«28» February 2025 Protocol of the AC № 10

EDUCATIONAL PROGRAM

7M04101 Project Management (1)

Code and classification of the field of education: 7M04 Business, management and law

Code and classification of training areas: 7M041 Business and management

Group of educational programs: M072 Management

ISCED level: 7

NRC level: 7

ORK level: 7

Awarded academic degree: Master of Business and Management in the educational program
"7M04110 Project Management (1)"

Duration of study: 1 year

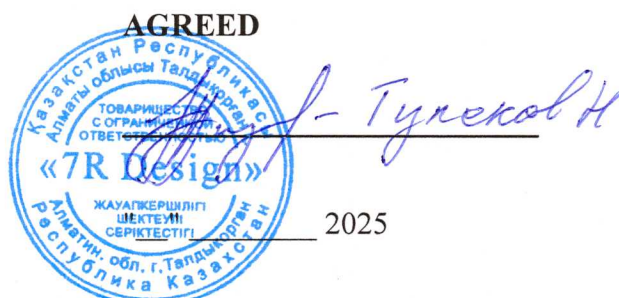
Amount of credits: 60 ECTS

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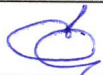
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2025

Almaty, 2025

Code and name of the educational program:
7M04101 Project management (1)

№	Educational program developers (Position, scientific degree, academic degree, Full name)	Signature
1	Shildibekov Y.Zh. , Associate Professor, Department of Economics and Business, JSC International University of Information Technology	

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1. Description of the educational program

This educational program "Project Management (1)" is developed on the basis of the main regulatory documents that determine the content of training in the specialty 6M051800-Project Management:

➤ "On approval of state compulsory standards of education at all levels of education" Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 604.

➤ "On Approval of the Model Rules for the Activities of Educational Organizations of the Relevant Types and Types" Order of the Minister of Education and Science of the Republic of Kazakhstan dated October 30, 2018 No. 595.

➤ Law of the Republic of Kazakhstan dated July 27, 2007 No. 319-III "On Education" (as amended and supplemented as of 03.05.2022);

➤ "On Approval of the Rules for the Organization of the Educational Process on Credit Learning Technology" Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 20, 2011 No. 152.

The program is designed to implement the principles of the democratic nature of education management, expanding the boundaries of academic freedom and the powers of educational institutions, which will ensure the training of elite, highly motivated personnel for innovative and knowledge-intensive sectors of the economy.

The educational program ensures the application of an individual approach to students, ensures the transformation of professional competencies from professional standards and qualification standards to learning outcomes. Student-centered learning is provided - the principle of education, which involves a shift in emphasis in the educational process from teaching (as the main role of the teaching staff in the "translation" of knowledge) to teaching (as an active educational activity of the student);

On the basis of this educational program, the educational organization develops working curricula and programs using appropriate methodological recommendations for working educational and methodological documentation.

The educational program "Project Management (1)" was developed on the basis of an analysis of the labor functions of professional standards in the field of project management for the 7th level of qualification (master, practical experience). The developed educational program "Project Management" meets the needs of stakeholders (students, employers, the state) and external qualification requirements.

Experts in the field of project management participated in the development of the educational program.

2. The purpose and objectives of the educational program

The purpose of the EP - training of highly qualified specialists with knowledge of technical skills in project management, program and project portfolio, strategic management and business management skills, and leadership skills (according to the PMI talent triangle), capable of professionally solving tasks at all stages of the project, program or project portfolio in organizations of any type and areas of activity..

AP objectives:

1. obtaining a full-fledged, high-quality specialized and scientific-pedagogical education, professional competence in the field of economics, management and organization of production;
2. acquisition of a high general intellectual level of development through the study of a cycle of basic disciplines, study of English, teaching individual disciplines in English, providing the opportunity to reveal personal qualities and creative abilities thanks to modern educational teaching technologies.

		optimize projects in various fields, using critical and systems thinking, digital technologies and risk assessment methods, ensuring sustainable development and innovative growth of organizations.
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4. Professional standards (PS), profession cards, labor functions

№	PS name	Profession card	Labor functions
1	Professional standard: for teachers (teaching staff) of higher and (or) postgraduate education institutions	Lecturer, assistant in the field of education, OVPO	Labor Function 1: Training Labor Function 2: Conducting Scientific Research Labor function 3: Implementation of scientific and methodological work Labor function 4: Socialization of studying youth Additional Labor function 1: Interaction with stakeholders of higher and postgraduate education
		Lecturer, Senior Lecturer/Senior Lecturer in Education, OVPO	
		Lecturer, Assistant Professor in Education, OVPO	
		Lecturer, Associate Professor (Associate Professor) in the field of education, OVPO	
		Lecturer, Associate Professor, Professor in Education, OVPO	
		Teacher, professor in the field of education, OVPO	

6. List of learning outcomes of the OP

LO1: Use new and systematize existing knowledge, conduct business negotiations, possess interpersonal communication skills, read, write, speak and understand business English.

LO2: Use the skills of self-organization, self-education, leadership and motivation of others; work in a team, tolerantly perceiving social, ethnic, confessional and cultural differences; conduct negotiations, discussions and other types of communication.

LO3: Analyze the factors of the internal and external environment of companies, use the skills of management of company, draw up strategies for the development of a company.

LO4: Conduct marketing research in the market of goods and services; model and determine the stages of project life cycle according to economic and financial criteria.

LO5: Understand the basics of project, program and portfolio management; use the tools and methods of project management; evaluate the project documentation.

LO6: Understand the basics of project integration and evaluate the project content; draw up a project plan; analyze the project investment; manage the project cost and procurement, the project the quality and risks.

LO7: Evaluate and manage the project team; manage stakeholders; use information technologies and flexible approach to project management.

7. Matrix of correlation of learning outcomes of the educational program with the formed competencies (V)

	LO1	LO2	LO3	LO4	LO5	LO6	LO7
BC 1		V					
BC 2			V				
BC 3		V		V			
BC 4			V	V		V	
BC 5			V		V		V
BC 6						V	
PC 1		V					
PC 2			V				
PC 3				V			
PC 4		V		V			
PC 5		V			V		
PC 6					V	V	V
PC 7		V	V				
PC 8				V	V		

8. Relationship of RO with labor functions

№	LO	Labor functions
1	LO1. Know the basics of project management, master management methods, maintain documentation, conduct marketing research	Conducting scientific research; Training; Interacting with stakeholders
2	LO2. Have team management skills, work with stakeholders, apply IT and flexible approaches	Training; Socialization of youth; Interaction with stakeholders
3	LO3. Analysis of internal and external environment, financial analysis, development of strategies	Conducting scientific research; Scientific and methodological work
4	LO4. Content management, planning, investment analysis, risk and quality management	Conducting scientific research; Training; Scientific and methodological work
5	LO5. Research, Negotiations, Interpersonal	Conducting scientific research;

		project planning; correctness of investment analysis; consideration of risks and quality	assignments; case analysis; project plan defense
PC 5	LO2, LO5	Effective team management; use of agile methodologies; work with stakeholders; scientific research effectiveness; negotiation skills; business English literacy	Business games; group work; project defense; scientific articles; presentations; role-playing games; testing in English
PC 6	LO5, LO6, LO7	Scientific research effectiveness; negotiation skills; business English literacy; Ability to collect and analyze data; interpretation accuracy; use of modern tools; Level of self-organization; leadership; quality of teamwork	Scientific articles; presentations; role-playing games; testing in English; research projects; data analysis; working with software; group work; self-assessment; observation; trainings
PC 7	LO2, LO3	Effective team management; use of flexible methodologies; work with stakeholders; Ability to analyze the environment; adequacy of financial analysis; validity of strategies	Business games; group work; project defense; solving analytical problems; essay; presentation
PC 8	LO4, LO5	Quality of project planning; correctness of investment analysis; consideration of risks and quality; effectiveness of scientific research; negotiation skills; literacy in business English	Project assignments; case analysis; project plan defense; scientific articles; presentations; role-playing games; testing in English

				sound management information for design, development and management decision-making.	MGT771** management	Project cost and procurement
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		Methods for solving economic problems in market conditions are considered.				
4	Business Process Management	This course explores the basic principles, standards, technologies, and methodologies of business process modeling; methods of describing business processes are considered. The course consists of theoretical and practical parts. The practical part provides for the execution of tasks of analysis and modeling of business processes. Students also carry out independent work on certain topics.	4	LO4		
Cycle of major disciplines (MD) University component (UC)						
5	Theory and practice of project management	The main objective of this course is to study modern methodologies, principles, and tools required for defining and managing projects in complex environments, understand of the role of projects in organizational change and innovation, thorough understanding of the phases and activities of the project life cycle, thorough understanding of the concepts of stakeholders, project outputs vs. project outcomes, business case, work breakdown structure, planning & organising, project governance, risks, scope creep and changes.	5	LO5 LO6 LO7		Project Management Tools and Methods, Program and Portfolio Management
6	Project cost and procurement management	This course focuses on learning the techniques and knowledge of the basic principles of project costing and budgeting, including a detailed discussion of contract and procurement management. This course provides guidance on how to effectively manage the financial aspect of a project, including evaluating and selecting the right mix of projects using financial feasibility, tools for evaluating and budgeting projects, earned value methods for monitoring	5	LO4 LO6		

10	Information technologies in project management	The course considers: Professional application software support for project management information support, interface and configuration of MsProject environment, creation of project structure, definition of project length, resource allocation schedule, resource list planning, resource planning . The prospect of training in the form of training in the software system MsProject does not work in the MsProject project when providing high speed and operation.	5	LO5 LO7	Theory and practice of project management	
11	Tools and methods of project management	The purpose of the course is to form a system of knowledge for undergraduates in the field of application of methods and tools of project management, which allows in the future to make specific management decisions in the context of project implementation.	5	LO5, LO7	Theory and practice of project management	
12	Industrial Practice	Industrial practice of master's students in the specialized field is aimed at consolidating theoretical knowledge, developing professional competencies, acquiring practical experience, forming research and management skills to solve real problems of the organization.	4			
13	Experimental research work of a master student, including an internship and a master's thesis	Experimental research work of a master's student includes conducting scientific research, completing an internship, mastering analysis methods, developing recommendations and completing a master's thesis with subsequent defense of the results.	13			
14	Preparation and defense of a master's thesis	The course examines the independent completion of a master's thesis by a master's student, the design and defense of the thesis in accordance with the internal requirements of the university.	8			
Additional types of education (ATE)						
Elective component (EC)						
	Elective					

12. Curriculum of the educational program (Platonus)

Module code	Module name	Discipline cycle	Discipline component	Code of subject	Subject name	Academic credits	Control in the academic period						Volume of hours						Distribution of credits per academic period		
							Exams	Differentiated test(practice)	Differentiated test(course paper)	Practice/SRW	Term paper/project	Total	In-class learning	including			MSIWT	MSIW	1 course		Number of weeks in the academic period
														Lectures	Practice	Lab practicals			1	2	
Modules of specialty/education program																					
1	PM7703 Project Resource Management	AS	ES	MGT7708**	Information technologies in project management	5	1								45.0	15	30	0	15	90	5.0
2				MGT7709**	Tools and methods of project management		1							45.0	15	30	0	15	90		
3	PM7701 Fundamentals of Project Management	AS	UC	MGT7701**	Theory and practice of project management	5	1								45.0	15	30	0	15	90	5.0
4				MGT7707**	Program and Portfolio Management		1							45.0	15	30	0	15	90		
5			AS	ES	MGT7706**	International Project Management Standards	5	1								45.0	15	30	0	15	90
6	BM7704 Fundamentals of Economics and Business	BS	ES	ECO7701**	Economics for managers	4	1								45.0	15	30	0	15	60	4.0
7				PM7706**	Business process management		1							45.0	15	30	0	15	60		

F-72, Educational Program