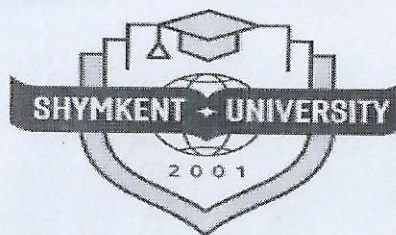


SHYMKENT UNIVERSITY



Faculty of Natural Sciences and Humanities

"I approve"
Dean of the Faculty of Natural Sciences and
Humanities, PhD
A.T.Saulembayev
"28" "08" 2023 G.




Department of Mathematics and Computer Science
Educational and methodical work plan for the 2023-2024 academic year

Considered at the meeting of the department,

No. 1 Protocol " 28 08 " 2022 g

Head of the Department

Kobeleva Z.S. 

I. PEDAGOGY-ORGANIZATIONAL ACTIVITY OF THE DEPARTMENT

№	Name of the events	Due date	Responsible persons	Expected results (outgoing documents)
1.	Development of the department's work plan for the 2023-2024 academic year	August, 2023	Head of the Department	The work plan of the department
2.	Development, updating of syllabuses of disciplines of bachelor's/master's degree educational programs and port.univershu.edu.kz implementation into an electronic database: - Subjects studied in the 1st half of the year - Subjects studied in the 2nd half of the year	August, 2023 January, 2024	Head of the Department, Teaching staff of the department	Availability of a Bachelor's/master's degree program on the electronic portal
3.	Calculation of hours and activities of the teaching staff of the university and the department	Until 08/31/2023	Head of the Department	Hourly loads and the composition of the PPP
4.	Preparation, organization and implementation of the PHC schedule	During the school year	Head of the Department, Teaching staff of the department	PHC table
5.	Organization of students' professional experience, organization of defense and discussion at the department	According to the period of internship by students	Head of the Department, Tulybai G.S.	Minutes of the discussion of contracts, final protocols and recent conferences, practice results
6.	Organization of final certification of students	According to the academic calendar	Head of the Department, Zhantureeva M.Zh	Orders of the chairman and staff of the IA, minutes of the meeting of the department, an order on the approval of topics and scientific supervisors, guidelines for the completion of graduate work by students / undergraduates, consultation schedule, defense schedules
7.	Development of new educational programs for the 2024-2025 academic year, registration on a single higher education platform; if necessary, updating existing educational programs	November-December 2023 February-March, 2024	Head of the Department	Protocol of the department, educational programs, employer reviews
8.	Performance of work in accordance with the plan for the publication of educational and methodological literature: development and publication of textbooks	According to the UMO plan	Head of the Department, Teaching staff of the department	Publication of planned textbooks in print

9.	Conducting educational and methodological seminars of the department	Educational and methodological seminars on the plans	Head of the Department, Teaching staff of the department	Minutes of the seminars
10.	Organization of interaction between the teaching staff	According to the schedule of mutual attendance	Head of the Department, Teaching staff of the department	Exchange of experience, final protocol on the quality of the lessons
11.	Organizing the participation of the teaching staff in open classes	According to the schedule of open classes	Head of the Department, Teaching staff of the department	Conclusion and protocol on the quality of the conducted open lessons
12.	Analysis and approval of mass open online courses (MOOCs) : 1. methods of teaching mathematics and computer science 2. methods of teaching professional disciplines	November 2023 December 2023	Head of the Department, Teaching staff of the department	Availability of video lectures on bachelor's degree on the electronic portal
13.	Implementation of the academic mobility plan for students and faculty	According to the plans of the department	Head of the Department, Abdimalik U	Contracts, reports, transcript
14.	Discussion of the results of the survey among students	December 2023 May 2024.	Head of the Department, кураторы	Protocols of the department
15.	Work on the introduction of elements of dual education in the educational process of the department	August, 2023	Head of the Department	Agreements with partner companies, a plan for the introduction of elements of dual training
16.	Expanding the list of practice bases, updating contracts	During the school year	Head of the Department, Tulybai G.S.	Agreements with partner companies
17.	Collection, preparation, analysis and correction of materials for monitoring specialized post-accreditation accreditation of educational programs.	During the school year	Head of the Department	Materials on post-accreditation monitoring of educational programs of specialties
18.	Organization and control of professional development of the teaching staff of the department, teaching methods	During the school year	Head of the Department, Teaching staff of the department	Certificates

26.	Preparation and execution of reports of the department on the events held: - For the first half of the 2023-2024 academic year - For the 2023-2024 academic year	December 2023 June 2024	Head of the Department	Preparation of a report on the work of the department for the 2023-2024 academic year
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2.1. Publication of electronic textbooks

a) Publication by decision of the Republican Educational and Methodological Council

b) Publication by decision of Shymkent University

№	Full name of the author	Name of the discipline	Type of UMO	Name	ISBN availability (yes/no)	Volume of the publication, pp.l.	Due date
1	Dzhunisbekov D.S. Khojaniyazova G. Zharkynbek M.	The interface of computer systems	Study guide	The interface of computer systems	yes	6,25	November, 2023
2	Abdrashova E. T. Koketaev A.I. Agulykov A.	Organization of computing systems and networks	Study guide	Organization of computing systems and networks	yes	5,6	March, 2024
3	Kerimbayeva K.Z. Sarybaev M. Omarova M. K.	The basics of geometry	Study guide	The basics of geometry	yes	5,0	February, 2024
4	Dzhunisbekov D.S.	The beginning of functional analysis and theory of functions	Study guide	The beginning of functional analysis and theory of functions	yes	6,0	April, 2024
5	Zhumanova R.	Computer-aided design system	Study guide	Computer-aided design system	yes	5,0	May, 2024
6	Dosanova B.A.	Technical design of clothing	Study guide	Technical design of clothing	yes	6,0	April, 2024
7	Shulanbekov J.B. Kalymbetova G.P.	Methods of teaching the subject of artistic work	Study guide	Methods of teaching the subject of artistic work	yes	5,0	May, 2024
8	Zhantureeva M.Zh . Zholbarys E.N.Тұрлыбай Г.С.	Robotics	Study guide	Robotics	yes	5,0	March, 2024

2.	Doctor of Ph.D., Professor. Tleubergenov M.I.		Л/4,5							the communicative method
3.	Ph.D., senior lecturer Utebaeva Sh.K.			Л/5,7						innovative technologies
4.	PhD, Associate Professor Medetbekova R.A.				Л/9,13					business game, innovative technologies
5.	Ph.D., Associate Professor Pimenov J.A.					Л/2,14				a communicative method, a quiz lesson
6.	Ph.D., Senior lecturer. Pimenov M.A.						Л/6,13			case method, dialogue with the audience
7.	Маг.ст.преп. Бименова З.А.							П/2,10		a communicative method, a quiz lesson
8.	Candidate of Technical Sciences, assoc.prof Tagaev N.S.								Л/4,12	communicative method, dialogue with the audience
9.	K. P. N., Associate Professor A. K. Kaldybayev	Л/1,5								case method, dialogue with the audience
10.	Doctor of PhD, St. Rev. Kobeleva Z.S.		Л/4,8							innovative technologies
11.	Doctor of PhD, St. Rev. Dzhanabaev D.J.			П/3,9						communicative method, dialogue with the audience
12.	Маг.ст.преп. Жантуреева М.Ж.				П/8,10					presentation
13.	Маг.ст.преп. Жолбарыс Е.Н.					П/5,11				business game, innovative technologies
14.	Маг.преп. Әбдімәлік Ү.Н.						П/1,12			innovative technologies
15.	Mag.st.Rev. Tulybai G.S.							П/1,13		communicative method, dialogue with the audience
16.	Mag. Rev. Moldakulova N.A.								П/9,19	innovative technologies

17.	Mag.st.Rev. Utimalieva G.S.					П/5,7				innovative technologies
18.	St. Rev. Turganbayeva K.A.						П/11,8			communicative method, dialogue with the audience
19.	Master, Prep. Omirzak S. A.							П/9,16		case method, dialogue with the audience

2.5. The plan of open teaching staff lessons for the 2023-2024 academic year

№	Full name of the teachers	Discipline	Type of occupation	Term
1.	Doctor of PhD, St. Rev. Kobeleva Z.S.	Databases and information systems. SQL language, features and functions	Lecture	24.10.2023
2.	Ph.D., senior lecturer Utebaeva Sh.K.	The structure and content of the school textbook. The structure and content of the 8th grade textbook. Problem solving	Practical	21.11.2023
3.	Ph.D., Associate Professor Baizhumanov A.A.	Graph theory. Principles of graph theory application	Lecture	13.12.2023
4.	PhD, Associate Professor Medetbekova R.A.	Justification of geometry. Paraboloids and Hyperboloids.	Lecture	19.12.2023
6.	The Master of the Rev. Moldakulova N.A.	Decorative and applied arts	Practical	May, 2024

2.6 Organization and holding of guest lectures

№	Full name of those responsible	Name of the educational institution, country, city	term	Number of academic hours
1	Atamanyuk V.M.	Lviv Polytechnic National University, Ukraine, Lviv	04.12.2023 – 29.12.2023	2
2	Уринбаев Еркин	Samarkand State University named after Sh. Rashidov, Republic of Uzbekistan, Samarkand City	04.12.2023 – 29.12.2023	4
3	Zainidinov Khakimzhan Nasiridinovich	Tashkent University of Information Technologies named after Muhammad al-Khorezmi, Republic of	04.12.2023 – 29.12.2023	3

		Uzbekistan, Tashkent		
4	Dzhumanov Zhamoljon Khudaikulovich	Tashkent University of Information Technologies named after Muhammad al-Khorezmi, Republic of Uzbekistan, Tashkent	04.12.2023 – 29.12.2023	3

2.7 The work plan of the "School of Pedagogical Excellence" for the 2023-2024 academic year

№	F. Acting, position of the teacher	Place of work	Name of the event	Topic	term	Lecture hall
1	Candidate of Pedagogical Sciences senior lecturer Utebaeva Sh. K.	Shymkent University Department of Mathematics and Computer Science	The seminar	A necessary element of pedagogical communication. Pedagogical ethics and tact.	23.11.2023	412
2	Candidate of Physical and Mathematical Sciences Associate Professor R. A. Medetbekova	Shymkent University Department of Mathematics and Computer Science	The seminar	On solutions of partial differential equations of the second order	12.12.2023	261
3	Doctor of Physical and Mathematical Sciences, Professor E. Urinbaev	Samarkand State University named after Sh. Rashidov of the Republic of Uzbekistan	The seminar	The general theory of inequalities	22.02.2024	261
4	Doctor of Technical Sciences, Professor Zainidinov H. N.	Shymkent University Department of Mathematics and Computer Science	The seminar	Software capabilities of the information society	13.03.2024	261

Head of the department

Kobeeva Z.S.

Responsible MIND of

Abdimalik U.N.