

SHYMKENT UNIVERSITY



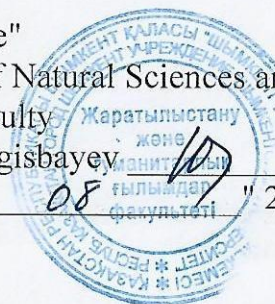
FACULTY OF NATURAL SCIENCES AND HUMANITIES

"I approve"

Faculty of Natural Sciences and Humanities Dean
of the Faculty

B.M.Shingisbayev

"28" "08" 2022 G.




Department of Mathematics and Computer Science
Educational and methodical work plan for the 2022-2023 academic year

Considered at the meeting of the department,

No. 1 Protocol 2022 g. "28" 08

Head of the Department

Utebaeva Sh.To 

I. THE PLAN OF EDUCATIONAL AND METHODOLOGICAL WORK FOR THE 2022-2023 ACADEMIC YEAR

№	Jobs to be completed	Period of execution	Responsible persons	End date
1	Discussion, approval of the composition and work plan of the educational and methodological commission of the department.	August 2022	Head of the Department	
2	Approval of work programs, syllabuses, calendar and thematic plans of disciplines studied in the 2022-2023 academic year.	August 2022	Teaching staff departments	
3	Preparation of a methodological and thematic complex for the subjects taught in the optional component	August 2022	Teaching staff departments	
4	Approval of the list of disciplines taught at the department in the 2022-2023 academic year.	August 2022	Head of the Department	
5	Approval of the dissertation project of graduate students and the topics and supervisors of the students' theses.	October 2022	Head of the Department	
6	Discussion of the results during the rating week, preparation and conduct of the test and examination session, summing up the results	All year round	Head of the Department Teaching staff departments	
7	Performance of the work of the teaching staff of the department according to the schedule of an open lesson, mutual learning	All year round	Master's degree, Senior lecturer Tajikhanova K. I.	
8	Approval of scientific supervisors of students, control over the publication of their works	All year round	Master's degree, Senior lecturer Tajikhanova K. I.	
9	Discussion of the report on the work done by the department for the first and second half of the 2022-2023 academic year	December-May	Head of the Department	
10	Participation in educational and methodological seminars, conferences	All year round	Teaching staff departments	
11	Preparation of examination tickets, test questions for state exams	Ноябрь-Апрель	Head of the Department	
12	6B01502-Computer Science, 6B01501-Mathematics, 6B01404-vocational training according to the educational program of the republican student subject Olympiads	All year round	Teaching staff departments	
13	Hearing the annual report on the work done by the department in the 2022-2023 academic year	June	Head of the Department	
14	Referral to the department of highly rated professors, teachers for	All year round	Head of the Department	

the exchange of experience in universities of the far, near abroad and Kazakhstan with a credit system of education.	Teaching staff departments
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II EDUCATIONAL AND METHODOLOGICAL WORK

2.1 Publication of textbooks, educational and teaching aids, methodological guidelines, electronic textbooks

№	Surnames and initials of the authors	The name of the work	Types of educational and methodical literature (textbook, textbook, methodical manual, methodical manual, etc.)	The volume of the UMO (etc.)	Edition of the publication	Язык издания	Срок выхода из печати
1	2	3	4	5	6	7	8
1. Textbook							
1	-						
2. Study guide							
1	Tursynbayev A.Z., Abdrashova E.T., Plyas A.B.	Information theory	Study guide	5 б.т.	5	kazakh	November, 2022
2	Agulykov A., Rakhashev B. K., Kaldybek A. A.	Physics	Study guide	5 б.т.	5	kazakh	December, 2022
3	Abisheva S.O., Balganova M.S., Zhumanova R.E.	Basics of mobile application development	Study guide	5 б.т.	5	kazakh	January, 2023
4	Koketaev A.I., Abdrashova E.T., Plyas A.B.	Operating systems	Study guide	6 б.т.	5	kazakh	February, 2023
5	Agulykov A., Kaldybek A.A.	Theory of electrical circuits	Study guide	5 б.т.	5	kazakh	March, 2023

6	Sarybaev M., Zhumanova R.E., Balganova M.S.	The interface of computer systems	Study guide	6 б.т.	5	kazakh	April, 2023
7	Utebaeva Sh.K. Salimbekova S.B. Tajikhanova K.I.	Algebra and Geometry	Study guide	6 б.т.	5	kazakh	May, 2023
3. Методические указания							
1	Abisheva Sulushash Orazbekovna	Fundamentals of information security	Methodical instructions from the lecture	4 б.т.	5	kazakh	October, 2022
2	Bimenova Zabira Ayazovna	Mathematical analysis	Methodical instructions from the lecture	4 б.т.	5	kazakh	October, 2022
3	Zhaksylyk Kamshat Nurlanovna	The structure and content of the school textbook	Methodical instructions from the lecture	4 б.т.	5	kazakh	November, 2022
4	Kaldybek Akbayan Alibekovna	Fundamentals of Physics	Methodological guidance from the practical lesson	4 б.т.	5	kazakh	December, 2022
5	Rysova Nalzira Salamatovna	Elementary mathematics	Methodical instructions from the lecture	4 б.т.	5	kazakh	January, 2023
6	Orazalieva Gaukhar Nurmakhanovna	Computer networks	Methodological guidance from the practical lesson	4 б.т.	5	kazakh	January, 2023
7	Shaukhan Sundet Nuradullauly, Mukhamedzhanova Aizada Bakytzhanovna	Information and communication technologies	Methodological guidance from the practical lesson	4 б.т.	5	kazakh	March, 2023

8	Kerimbayeva Kulzinat Zaurbekovna	Elements of mathematical analysis in the school course	Methodological guidance from the practical lesson	4 б.т.	5	kazakh	April, 2023
9	Tajikhanov Kamila Ibragimkyzy	Solving selective math problems	Methodological guidance from the practical lesson	4 б.т.	5	kazakh	May, 2023
3. Сборник лекций							
1	Zhantureeva M. Zh. Abdimalik U. N.	Computer technology	Collection of lectures	6 б.т.	5	kazakh	November, 2022
2	Kalymbetova G.P. Moldakulova N.A.	Methods of professional training	Collection of lectures	6 б.т.	5	kazakh	March, 2023

2.2 Проведение учебно-методических семинаров

№	The name of the professor of the teaching staff	Topic	Time is spent Protocol
1	Samarkand State University named after Sh. Rashidova, Republic of Uzbekistan , PhD, Professor Urinbaev E.	Innovative directions of the discipline "Discrete Mathematics".	05.12.2022 Protocol No. 5

2.3. The plan of open OPS classes for the 2022-2022 academic year

№	Teacher's name, academic degree, academic title	Date, time, the place where the open lesson was held	Name of the item	Open lesson type	Lesson topic
1	Pimenova Z.A. Master's degree, Senior Lecturer	October, 2022	Algebra and Geometry	A practical lesson	Find the inverse matrix. Find the determinant of the matrix.
2	Utebaeva Sh., Candidate of Technical Sciences, senior lecturer	November, 2022	Solving selected math problems	A practical lesson	Solving exponential equations.
3	Ilyas A.B., Master's degree, teacher	December, 2022	Programming technology	Lecture class	Working with arrays. The matrix
4	Abisheva S.O., Master's degree, Senior lecturer	February, 2023	Basics of mobile application development	A practical lesson	Designing Android-based mobile applications
5	Kaldybek A.A., Master's degree, teacher	March, 2023	Fundamentals of Physics	A practical lesson	The magnetic field
6	Kobeleva Z.S. Master's degree, Senior Lecturer	April, 2023	Provision of software	Lecture class	The structure of the software. Reports. Resources.
7	Zhaksylyk K.N. Master's degree, teacher	May, 2023	The content and structure of school textbooks	A practical lesson	Requirements for the quality of educational literature

2.3. Information about video lessons

No	Topic	Type of work	Term, Protocol No.	Responsive service
1	Basics of algorithmization	Lecture class	25.11.2022, Protocol No. 4	Zhumanova R.E. Master's degree, teacher
2	Software. Operating systems	Lecture class	25.11.2022, Protocol No. 425.11.2022, Protocol No. 4	Ilyas A.B., Master's degree, teacher

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

No	Workplace	The position of the teacher	Teacher's name	Topic	Term	Lecture hall
1.	Shymkent University Department of Mathematics and Computer Science	Senior lecturer, Candidate of Pedagogical Sciences	Utebaeva Sh.K.	A necessary element of pedagogical communication. Pedagogical ethics and tact.	15.11.2022	412
2.	Shymkent University Department of Mathematics and Computer Science	Candidate of Physical and Mathematical Sciences, Associate Professor	Medetbekova R.A.	On solutions of second- order singular differential equations	11.04.2023	261

Head of the Department

Utebaeva Sh.K.

Responsible for the teaching methodology

Tajikhanova K. I.