

CALENDAR PLAN
of tutors hours of the educational course "Ultka kyzmet"
for the 2022-2023 academic year

1st term

"Karaganda Technical University named after Abylkas Saginov"

Неделя	Наименование темы
2	1st Week: familiarization with the activities of the university, Internal regulations, Rules of residence in dormitories, Student Honor Code.
3	Scholarship programs. About the work of student clubs, sports sections Map
4	Volunteer movement. Youth charity organization "Akniet"
5	Military Department Map
6	Karaganda is the mining capital
7	The main stages of the creation and development of the map: yesterday, today, tomorrow
8	Academician A. Saginov – scientist and organizer of higher technical education in Kazakhstan, founder of Karaganda Technical University
9	History of faculties and graduate departments (according to the profile of the EP)
10	My profession is a step into an innovative future. Successful people of our time who have made their profession interesting and in demand
11	A.A. Ermekov -the first Kazakh professor of mathematics
12	Contribution of outstanding scientists and teachers to the development of the KTU: 1) Lebedev S.A. – honorary Architect of Kazakhstan, Nemen V.N. – scientist, mentor, teacher ; 2) Popov I.I. – the creator of the surveying scientific school in Central Kazakhstan. Kwon S.S. is a scientist-teacher, founder of the scientific school for mine design. The life and creative path of Professor of Surveying R.P. Okatov; 3) Shevtsov E.I. – metallurgist, scientist, teacher; 4) Outstanding teacher, scientist and head of the scientific school of Mining Transport of Kazakhstan Daniyarov A.N. ; 5) Kogai L.I. – scientist-teacher, poet ; 6) Kashik Sh.K. – mentor, scientist-economist ; 7) Byrka V.F. – scientist-organizer, teacher
13	Contribution of outstanding scientists and teachers to the development of the KTU: 1) Bakirov Zh. B., Battakova S.B. – scientists, teachers of the MAP ; 2) Grashchenkov N.F. and Akimbekov A.K. – organizers of the Kazakhstan scientific school of occupational Safety. Member-correspondent. Academy of Sciences of the Kazakh SSR, Professor,

	<p>Doctor of Geological and Mineralogical Sciences Ermekov M.A.;</p> <p>3) Piven G.G. – Professor, Doctor of Technical Sciences, Rector of KarSTU from 1994 to 2008;</p> <p>4) Yanzen I.A. – founder of the scientific school of Road construction machines ;</p> <p>5) Baitleuov I.S. – founder of the specialty automation and telemechanics Card ;</p> <p>6) Togaibayev K.B. and Kim Yu.M. – economic scientists, mentors, teachers;</p> <p>7) I.V. Breido – Professor, Doctor of Technical Sciences, Academician of KazNAEN, from 1994 to 2021 Head of the Department of Automation of Production Processes</p>
<p>14</p>	<p>Testing</p>

Term 2
"The basis of legal culture"

Неделя	Наименование темы
1	Human and citizen rights and obligations
2	Respect for the symbols of the State
3	The right to education. National project "Quality Education "Educated Nation"
4	Protecting the Fatherland is a sacred duty
5	The fight against corruption is one of the key priorities of state policy
6	Religious extremism and terrorism
7	Regulation of labor relations
8	Pyramid scheme, fraud, Internet fraud
9	Protection of sexual integrity. Early marriages and domestic violence.
10	Illegal trafficking of narcotic drugs and psychotropic drugs.
11	Illegal human trafficking
12	Deviant behavior and antisocial actions. Extortion and hooliganism.
13	Insult – humiliation of honor and dignity, bullying and cyberbullying
14	Testing

Term 3
"National health and ecology"

Неделя	Наименование темы
2	Система здравоохранения в Казахстане. Национальный проект «Качественное и доступное здравоохранение для каждого гражданина «Здоровая нация»
3	Профилактика алкоголизма и курения
4	Правильное и рациональное питание – основа здоровья
5	Здоровая семья – здоровая нация. Профилактика ВИЧ
6	Экологическая ситуация в Казахстане
7	В контексте неделимой безопасности: антиядерные инициативы Казахстана
8	Экологические проблемы горно-металлургического комплекса и нефтегазовой отрасли Казахстана
9	Проблемы озера Балхаш
10	Аральское море – глобальная экологическая проблема
11	Каспийское море – крупнейший закрытый водоем в мире
12	Проблемы трансграничных рек Казахстана
13	Безотходное производство – как один из факторов решения экологических проблем
14	Тестирование

Term 4

«Казахстан в глобальном мире: сохранение идентичности.

Программа «Рухани Жаңғыру»

Неделя	Наименование темы
1	Выдающийся государственный и политический деятель Д.А. Кунаев
2	Независимость превыше всего. Первый Президент Республики Казахстан
3	Казахстан в системе мировой политики
4	Модернизация политической системы Казахстана
5	Согласие и единство – основа нашего развития. Ассамблея народа Казахстана
6	Программа «Рухани жаңғыру»: основные направления, спецпроекты. Национальный проект «Ұлттық рухани жаңғыру»
7	Абай Кунанбаев – великий мыслитель и гуманист (спецпроект «Великие имена Великой степи»)
8	Движение «Алаш» – пример государственности и беззаветного служения Родине. А. Байтурсынов, А. Букейханов, М. Дулатов (спецпроект «Великие имена Великой степи»)
9	География сакральных мест Казахстана (спецпроект «Сакральная география»)
10	Памятники истории и культуры средневекового Казахстана (спецпроект «Генезис тюркского мира»)
11	Культура, традиции и самобытность казахского народа (спецпроект «Дәстүр мен ғұрып»)
12	Устное народное творчество и традиционное музыкальное искусство (спецпроект «Тысяча лет степного фольклора и музыки»)
13	Развитие национальной культуры (спецпроект «Современная казахстанская культура в глобальном мире»)
14	Тестирование

Term 5

"Contribution of outstanding engineers to the industrialization of the country"

Неделя	Name of the topic
2	K.I. Satpayev – statesman, scientist and organizer of science
3	M.T. Tynyshbayev – the first Kazakh railway engineer
4	A.A. Gapeev is a geologist and an organizer of geological studies of the Karaganda coal basin. Zyryanov G.G. – discoverer of the Zyryanovskoye field
5	Utebaev S.U. – organizer of the oil industry of Kazakhstan
6	Basenov T.K. – architect, founder of the Kazakh architectural school
7	Chokin Sh.Ch. is an energy scientist and organizer of the energy complex of Kazakhstan. Berdus I.V. – power engineer, organizer of the Leninogorsk cascade of hydroelectric power plants
8	Baikonurov O.A. is a mining engineer, the creator of innovative technologies for the extraction of non-ferrous metal ores, chemical raw materials and non-metallic materials in Kazakhstan. Gurba V.V. – mining organizer and outstanding mining engineer
9	M.A. Bitny is one of the founders of the Almaty Heavy Machinery Plant
10	Zhunusov T.Zh. – civil engineer, founder of earthquake-resistant construction in Kazakhstan
11	Sagingaliev B.S. – Honored Oilman of the Kazakh SSR, discoverer of Tengiz
12	U.A. Dzholdasbekov – mechanical engineer, founder of the Kazakhstan scientific school in the field of theory of machines and mechanisms
13	Takezhanov S.T. – metallurgist scientist, organizer of non-ferrous metallurgy of Kazakhstan
14	Testing

Term 6

"Innovative development of Kazakhstan's industry"

Неделя	Name of the topic
1	Economic strategy of Kazakhstan. National project "Sustainable economic growth aimed at improving the well-being of Kazakhstanis"
2	Development of the mining and metallurgical complex – a key branch of the economy of Kazakhstan
3	The current state and prospects of development of the mining and mining-processing industries of Kazakhstan
4	The current state and prospects of development of the machine-building complex of Kazakhstan.
5	Transport and logistics systems in the development of Kazakhstan
6	Development of the fuel and energy and oil and gas complex of the Republic of Kazakhstan
7	Current state and prospects of development of the construction industry of the Republic of Kazakhstan
8	Digital transformation of Kazakhstan. National project "Technological breakthrough through digitalization, science and innovation"
9	Development of infrastructure in Kazakhstan. The national project "Strong regions – the driver of the country's development"
10	Prospects for the development of alternative energy sources in Kazakhstan. National project "Green Kazakhstan"
11	Modernization of agriculture in Kazakhstan. National project for the development of the agro-industrial complex
12	Entrepreneurship is the leading force of the national economy. National Entrepreneurship Development Project
13	Development of the aerospace industry. Baikonur Cosmodrome
14	Testing

Term 7
"Global development trends"

Неделя	Name of the topic
2	Nanotechnology: global development trends. The role of nanomaterials in the development of the 6th technological order
3	The global market and trends in the development of robotics
4	Trends in the development of global and applied space programs
5	Trends of IT technologies in "Industry 4.0". Bill Gates is the creator of Microsoft
6	The main trends in the development of the solar energy market. Wind power – the energy of the future
7	Unmanned transport of the future
8	The global trend is the production of biofuels
9	Eco-technologies – the global trend of total industrialization and industrial growth
10	"Green" construction is the main trend in the world market
11	Global trends in the development of biotechnologies. Biologics for industrial use
12	History, state and prospects of automation development. Henry Ford – founder of the scientific organization of labor
13	Modern trends in the development of cyber-physical systems and artificial intelligence. Steve Jobs – Founder of Apple Corporation
14	Testing