



СӘТБАЕВ  
УНИВЕРСИТЕТИ



# PROFESSIONAL DEVELOPMENT COURSES CATALOG

List of Professional Development  
Courses at Satbayev University

2026

**List of Professional Development Courses  
at Satbayev University for 2026 years**

<b>GEOLOGY</b>	
1	Basics of geology for non-geologists
2	General and structural geology for geologists
3	Mineralogy and petrography for geologists
4	Geology of mineral deposits for geologists
5	Applied geochemistry
6	Historical geology
7	Paleontology
8	Stratigraphy
9	Laboratory methods for studying mineral resources for geologists
10	Mining geology for geologists
11	Geological and economic assessment of mineral deposits for geologists
12	Microscopic studies of minerals and rocks for geologists
13	Practice in the use of computer technologies for processing and interpreting data from electrical exploration (IP-DAS, MTS, AMTS) and magnetic exploration
14	Geoinformation technologies in geology
15	Geomapping and Remote Sensing
16	Geology and Mineral Resources of Kazakhstan
17	Geological and Industrial Types of Mineral Deposits
18	Geomorphology and Quaternary Geology
19	Geochemical Methods for Prospecting for Mineral Deposits
20	Computer Technologies in Geology
21	Crystallography and Mineralogy
22	Fundamentals of Subsoil Use
23	Structural Geology
24	Hydrogeological studies
25	Hydrogeological and land reclamation works
26	Prospecting and exploration works in studying groundwater deposits and assessing their exploitable reserves
27	Monitoring of groundwater and hazardous geological processes
28	Licensing in the field of subsoil use and hydrogeological works
<b>MINING ENGINEERING</b>	
29	Mineshaft Construction
30	Design of Underground Mining enterprises
31	Technology of backfilling mined-out spaces
32	Modernization of processes for conducting horizontal and inclined mining excavations
30	Technology for constructing horizontal and inclined mining excavations
33	Underground mining technology
34	Opening and preparation of deposits in underground mining
35	Quality and organization of stowing. Innovative advanced methods of material application
36	Granite Mining Technology

37	Mining Aerology
38	Drilling and Operation of Geotechnical Wells
39	Deposit Opening and Preparation during Underground Mining
40	Geotechnological Processes in Mineral Deposit Development
41	Geotechnology for Underground Uranium Mining
42	Mine Conservation
43	Mine Planning Using Leapfrog, Dezwic
44	Underground Mining of Stratified Deposits
45	Uranium Deposit Design
46	Underground Mining Processes
47	Development and Computerized Mining Development Plans
48	Deposit Development in Special Conditions
49	Construction of Mining Facilities
50	Mining Technology
51	Underground Mining Technology and Integrated Mechanization
52	Mass Management
53	Rock Physics
54	Mining Ecology
<b>MINE SURVEYING (MARKSCHEIDER BUSINESS)</b>	
55	General geodesy
56	Geodesy in construction
57	Mine surveying (Markscheider business)
58	Fundamentals of Cartography
59	Geoinformation Technologies: General Course
60	Geoinformation Technologies (by specialization)
61	Automation of Mine Surveying and Geodetic Operations
62	Fundamentals of Geodesy and Topography
63	Utilization of Remote sensing and Earth observation Data: General Course
64	Utilization of Remote sensing and Earth observation Data: (by specialization)
65	UAV (Unmanned aerial vehicle)
66	Aerial photography
67	Creation of digital models of deposits in software using aerial photography from UAVs
<b>EXPLORATION, DRILLING, EXTRACTION, AND DEVELOPMENT</b>	
68	Drilling of wells (by specialization)
69	Drilling wells for solid minerals
70	Directional and multilateral drilling for drillers
71	Drilling fluids for drillers
72	Measurement tools in drilling for drillers
73	Complications and accidents during well drilling for drillers
74	Prevention and mitigation of complications
75	Drilling rigs
76	Methods of mechanized extraction
77	Mechanized oil extraction with submersible centrifugal electric pumps (SCEP)
78	Mechanized oil extraction in challenging conditions
79	Oil well production
80	New machinery and technology for oil extraction

81	Drilling and Major well repairs for non-specialists
82	Development of oil fields
83	Enhanced Oil Recovery (EOR) Methods
84	Intensification of reservoir fluid inflow
85	Hydraulic fracturing. Technology, calculation, field practice, and evaluation of the efficiency of hydraulic fracturing
86	Development of heavy oil fields
87	Fluid and Gas Mechanics
88	Oil and Gas Flow Management
89	Offshore Field Development
90	Design and Operation of Oil and Gas Facilities
91	Corrosion Protection in the Oil and Gas Industry
92	Properties of Reservoir Fluids
93	Flow in Pipeline Systems
94	Oil and Gas Production Planning
95	Thermodynamics and Thermal Engineering
96	Well Completion Technology and Engineering
97	Improvement of Oil Technology
98	Analysis of the Efficiency of Preparing Oil and Gas Reservoirs in the Caspian Basin and Forecasting Their Oil and Gas Saturation
99	Risk Management in the Oil and Gas Industry
<b>MAJOR WELL REPAIRS AND TECHNICAL DIAGNOSTICS</b>	
100	Technical diagnostics of oil and gas equipment
101	Routine and major overhaul of wells
102	Equipment and technology for downhole well repair
103	Servicing and maintenance of oilfield equipment
104	Methods of organizing a service and repair department for drilling and major well repairs
105	Major downhole well repair
106	Internal Combustion Engines. Designs, Principles of Operation, and Rules of Technical Operation
107	Gas Turbine Engines. Designs, Principles of Operation, and Rules of Technical Operation
108	Hydraulic Machines and Compressors. Designs, Principles of Operation, and Rules of Technical Operation
109	Rational methods for equipment operation, diagnostics, and repair
110	Rational operation of wells with rod-type downhole pumps
111	Modern means of alignment, balancing, and vibration control in the operation and maintenance of rotating equipment
112	Diagnostics of main pipelines
113	Pipeline diagnostics and reliability of operation
114	Construction and major overhaul of pipelines
115	Emergency repair and restoration of pipelines
116	Капитальный ремонт магистрального трубопровода
117	Modern technologies for the design and operation of main pipelines
118	Organization of operation and repair of machinery and equipment

<b>OPERATION, TRANSPORTATION, AND STORAGE OF OIL, PETROLEUM PRODUCTS, AND GAS</b>	
119	Preparation of wells for operation
120	Operation of main pipelines
121	Operation of equipment for main pipelines
122	Construction and repair of oil and petroleum tanks
123	Designing, construction, and operation of main pipelines
124	Main gas and oil pipelines
125	Transportation of oil, gas, and petroleum products
126	Oil depots and gas storage facilities
127	Hydraulic Calculation of Oil Pipelines
128	Mechanical Calculation of Oil Pipelines
129	Pipeline Transportation of Oil and Gas
130	Machinery and equipment for oil and gas pipelines
131	Operation of oil and gas pipelines
132	Operation of wells using rod pumping units.
133	Operation of wells using gas lift method.
134	Operation of wells equipped with Electric Submersible Pumping Units (ESP)
135	Operation of wells using flowing well method
136	Operation of wells using screw pumps
137	Operation of wells using new technical means.
138	Operation of wells using deep well pumping units
139	Construction of main gas pipelines
140	Pipeline crossing natural and artificial obstacles
141	Quality control of design, survey, construction, and installation works during the construction, repair, and reconstruction of gas pipelines
142	Dispatch control of main gas pipelines.
143	Dispatch control of technological processes of main oil pipeline systems
144	Reception and launching of pipeline pigs of all types.
145	Hydrate formation in gas pipelines
146	Innovative technologies in pipeline transportation
147	Construction control (supervision) of industrial pipelines
148	Construction of gas pipelines
149	Compressor stations
150	Modern technologies for designing and operating main pipelines
151	Fitter of process equipment and pipelines
152	Operation and maintenance of tanks (Horizontal Steel Tanks, Vertical Steel Tanks)
153	Modern Designs and Operating Principles of Oilfield Equipment
154	Modern Methods for Improving Reservoir Oil Production Efficiency and Their Application Experience
155	Pipeline Integrity Training
156	Pipeline Anti-Corrosion Layer Repair Training
157	Comprehensive Oil and Gas Field Treatment
<b>METALLURGY AND MINERAL PROCESSING</b>	
158	Metallurgy of ferrous metals

159	Metallurgy of non-ferrous and rare metals
160	Metallurgy of heavy non-ferrous metals
161	Metallurgy of precious metals
162	Ferroalloy metallurgy
163	Theory and practice of processing uranium-containing ores and concentrates
164	Fundamentals of mineral processing
165	Theory and practice of bacterial leaching of uranium-containing, gold-containing, and polymetallic ores
166	Recycling, Waste Management
167	Gravity processes of mineral beneficiation
168	Flotation methods of mineral beneficiation
169	Basics of hydrometallurgy for mineral processors
170	Technological processes of mineral beneficiation
171	Technological processes for the enrichment of mineral raw materials and the production of non-ferrous metals
<b>METALLURGICAL PROCESSES OF THERMAL ENGINEERING AND TECHNOLOGY OF SPECIAL MATERIALS</b>	
172	Physicochemical studies of raw materials and metallurgical products
173	Powder Metallurgy
174	Uranium Metallurgy
175	Corrosion and Protection of Metals and Structures.
176	Metallurgical Heat Engineering and Heat Power Engineering in Metallurgical Processes
177	Basics of hydrometallurgical processes. Extraction. Technology of extraction processes. Copper electrolysis
178	Theory of Metallurgical Processes
179	Pyrometallurgical technologies for extraction of non-ferrous metals
<b>MATERIALS SCIENCE AND NANOTECHNOLOGY</b>	
180	Composite materials with specified properties
181	Nanomaterials and Nanotechnologies
182	Microstructure of inorganic and organic materials
183	Multiphase structures and methods for calculating phase diagrams
184	Structure and properties of carbon nanomaterials
185	Materials Science and Technologies of Advanced Materials
186	Physical and Chemical Methods of Materials Research
187	Industry materials science and technology of structural materials
<b>CHEMICAL PROCESSES AND INDUSTRIAL ECOLOGY</b>	
188	Low-carbon development
189	Introduction to BAT (Best Available Techniques)
190	Ecology and Sustainable Development
191	Land Reclamation, Remediation, and Restoration of Disturbed Lands
192	Climate Policy. Carbon Neutrality in Cities. Carbon Footprint
193	ESG and Sustainable Development
194	Industrial Ecology and Industrial Safety
195	Technology for Treating Natural and Wastewater, and Sludge Management
196	Chemistry and Technology of Rare Elements
197	Chemistry of Uranium
198	Environmental Legislation of the Republic of Kazakhstan (Practice)

199	Environmental Charges and Taxes (Practice)
200	Environmental Documentation of Enterprises (Practice)
201	Greenhouse Gases and Regulation Methods (Practice)
202	Environmental Management of Enterprises ISO 14001:2007
203	Radiation Protection and Safety
204	Green chemistry
205	Air Protection
206	Fundamentals of Nanostructured Inorganic Materials Technology
207	Inorganic Chemistry
208	Mathematical Modeling and Optimization of Chemical Processes
209	Mass Transfer Processes and Equipment in Chemical Engineering
210	Hydromechanical and heat exchange processes and apparatuses in chemical engineering
211	Oil and gas chemistry
212	Ecosystem restoration
213	Chemical processes and industrial ecology
<b>CHEMICAL AND BIOLOGICAL ENGINEERING</b>	
214	Work in a Chemical Laboratory according to State Standards: 2477-2014; 21534-2021; 3900-2022 (3900-85); 6370-2018 (6370-2018)
215	Micromine and Origin 23.0 Basic Geological Course
216	Methods of Sampling and Sample Preparation for Chemical Analysis and Moisture Determination in Ore for Samplers
217	Methods for Determining Saturated Vapor Pressure, Sulfur, Hydrogen Sulfide, Methyl- and Ethyl- Mercaptans, Kinematic Viscosity, Fractional Composition in Oil, Pour Point, and Freezing Point in Petroleum Products
218	Development of Methodological Recommendations (Instructions) for Determining the Mass of Oil in the Linear Part of Pipelines and Process Pipelines
219	Methods of Protection against Corrosion and Various Deposits in Industrial Water Supply Systems
220	Complications (Corrosion, Scaling, Microbiological Contamination), Types, and Methods of Control
221	Methods of Working with Analytical Instruments in Chemical, Petrochemical, and Metallurgical Laboratories
222	Automation of Manufacturing Processes in Chemical, Petrochemical, and Metallurgical Enterprises
223	Improving Oil Refining Technology
224	CAD Chemical Engineering
225	Optimization of Operating Modes of Technological Processes and Flows in Chemical, Petrochemical, and Metallurgical Enterprises
226	Industrial and Fire Safety in Chemical, Petrochemical, and Metallurgical Enterprises
<b>POWER ENGINEERING AND ELECTRICAL ENGINEERING</b>	
227	The hardware features of the Modicon BMX M340 controller
228	The Configuration Features of the Modicon BMX M340 Controller
229	UnityPro app Development Environment (Basic Course)
230	Installation and Design: Special Starts of Squirrel-Cage Induction Motors in Industry
231	Installation and Design: Direct Starting of Squirrel-Cage Induction Motors in Industry

232	Introduction to Programming in the MATLAB Environment
233	Modeling Physical Systems in MATLAB Using the Simscape Library
234	Relay Protection and Automation in Distribution Networks
235	Noise immunity and security of information communications systems
236	CAD tools for space systems design
237	Engineering Thermodynamics and Energy Technology of Chemical Engineering Production
238	Spacecraft Power Supply Systems
239	Electrical Insulation and Cable Technology
240	Energy Saving in Thermal Power Engineering and Thermal Technology
241	Renewable Energy
242	Laboratory Workshop on Modern Industrial Technologies in the Electric Power Industry
243	Lighting Equipment and Lighting
244	Transient Processes in Power Systems
245	Industrial Electronics
246	Calculation and Design of Power Supply Systems
247	Calculation and Design of Electric Power Networks and Systems
248	Heat and Mass Transfer Equipment
249	Heat and Mass Transfer Equipment in Thermal Power Engineering
250	Electrical Parts of Power Plants and Substations
251	Electrical Machines
252	Electrical Materials Science
253	Power and Electrical Equipment
254	Energy audit and energy conservation at enterprises
255	Automatic switching
256	Antenna feeder devices
257	Fiber-optic transmission systems
258	Geoinformation systems in telecommunications
259	Engineering problems in Matlab
260	Smart grids
261	Spatial data infrastructure
262	Mechatronics
263	Microprocessor and microcontrol devices and systems
264	Telecommunication guide systems
265	Microelectronics
266	Fiber optic systems in telecommunications
267	Optoelectronics
268	Fundamentals of laser scanning of the Earth
269	Fundamentals of GIS technologies
270	Fundamentals of radio engineering and telecommunications
271	Fundamentals of microwave electronics
272	Transceivers
273	Software packages for processing remote sensing data
274	Simulation software
275	Design of radio engineering and telecommunication systems

276	Electronic design
277	Ultrahigh-frequency electronics
278	Network technologies
279	Communication networks and switching systems
280	NGN networks and the growth of NGN
281	Satellite communication systems
282	Theoretical and Applied Mechanics
283	Theoretical Foundations of Electrical Engineering
284	Signal Transmission Theory
285	Theory of Inventive Problem Solving
286	Theory of Electrical Circuits
287	Theory of Electrical Communications
288	Wireless Communication Technology
289	Digital Communication Technology
290	Project Management in the Electrical Industry
291	Industrial Network Management
292	Physical Foundations of Earth Remote Sensing
293	Physical Foundations of Electronics
294	Digital Broadcasting Systems
295	Electromagnetic Compatibility of Electronic Equipment
296	Electronics and Circuit Design
297	Electronic Components for Satellite Communications
298	Electric Drives
299	Electrical Engineering and Microelectronics
300	Electrical Networks and Systems
301	Basic Course for Mechanics and Electricians
302	Ensuring electrical safety in the operation of electrical installations up to and above 1000 V
303	Training of administrative and technical personnel of energy enterprises, including instruction in conducting emergency response drills and practical application of electrical safety regulations at operating facilities
304	Safe operation of high-voltage power systems
305	Uninterruptible power supply systems (UPS)
306	Power plant dispatch control and operating modes
307	Automated systems for commercial electricity metering
<b>MACHINE BUILDING, LEAN MANUFACTURING, QMS</b>	
308	Management of Operational Performance and Product Lifespan in Mechanical Engineering Products, Assemblies, Machinery as a Whole, Metalworking and Mining Tools, Technological Tooling, and Equipment
309	Emerging Trends in Mechanical Engineering Development and Equipment for Mining Machinery
310	Lean Manufacturing
311	International standards for quality management systems
312	The fundamentals of metrology, standardization, certification, and quality control
313	Digital technologies in designing energy-efficient technological equipment
314	Innovative design of technological equipment

315	Fundamentals of interchangeability of manufactured units and mechanisms in the field of mechanical engineering
<b>TECHNOLOGICAL MACHINES AND TRANSPORT</b>	
316	Operation and Diagnostics of Diesel Generators
317	Organization of Operation and Maintenance of Machinery and Equipment
318	Organization of Work During Repair and Maintenance of Technological Machinery
319	Modern Technologies and Mechanization Means for Underground Mining Operations (UMO)
320	Steam and Hot-Water Boilers: Requirements for Safe Operation of Pressure Vessels
321	Alignment and Balancing of Rotating Equipment
322	Fundamentals of Road Safety and Responsibilities of Personnel for Ensuring Road Safety in Organizations
323	Technical Operation of Lifting, Transport, Construction, and Road Machinery and Equipment
324	Modern Technologies, Equipment, and Materials for Arc Welding and Surfacing in Current Repair and Restoration of Machine Parts
325	Non-Destructive Testing Methods for Welded Joints
326	Innovative Welding Methods
327	Predictive Maintenance Methods for Equipment
328	Equipment Monitoring and Technical Diagnostics
329	Organization of the Enterprise Repair Service
330	Materials and Components
331	Fundamentals of Hydraulics and Hydrotransport Systems
332	Innovative Technologies and Hydraulic Systems in the Design and Operation of Food Production Machines and Equipment
333	Fundamentals of Designing Rail Transport Systems and Their Components. Locomotives. AC Electric Locomotives with 1520 Gauge
334	Safety fundamentals when working with Off-The-Road (OTR) tires
335	General technical information on OTR tires: construction, classification, and marking
336	Transportation and storage of tires
337	Tire fires and prevention measures
338	Mounting and demounting of OTR tires
339	Inflation and pressure control of OTR tires
340	Factors affecting tire service life: tire selection, main causes of damage, internal operating temperature, impact of vehicles, road conditions, etc.
341	Tire inspection: vehicle inspection, inspection of tires in operation, and inspection of demounted tires
342	Tire repair
343	Tire retirement due to wear and disposal
<b>ROBOTICS AND AUTOMATION TECHNICAL MEANS</b>	
344	Microprocessor Control Devices for Robots
345	Robot Drives
346	Electronics
347	Automated drives

348	Software for mechatronic systems
349	Programming for microcontrollers
350	Drone programming
<b>INFORMATION TECHNOLOGY, AUTOMATION AND CONTROL</b>	
351	Elements and Devices of Automation Systems
352	Siemens Simatic Programmable Controllers
353	Automation of Technological Processes Using Siemens Microprocessor Technology
354	Security and Protection of Server Databases
355	Enterprise Information Security Systems
356	Introduction to Cybersecurity
357	Network Technologies
358	Design and Construction of Robotic and Mechatronic Systems
359	Cryptographic Information Security Systems
360	Legal Aspects of Information Security Assurance
361	Application of Mathematics and Statistics to IT
362	Automation of Technological Processes
363	Actuators in Automation Systems
364	Frequency-Controlled Electromechanical Systems
365	Programmable Controllers Siemens S7-300, S7-400, S7-1200, S7-1500. TIA Portal Environment
366	Information Base of Theory of Inventive Problem Solving (TRIZ)
367	TRIZ methodology in developing new products and solving technical problems
368	The principles and requirements of international standards in telecommunications management
369	Information security in telecommunication systems
370	Structured cabling systems and installation
371	Designing and maintaining wireless data transmission networks
372	Designing video surveillance systems
373	Intelligent Process Control Systems
374	Computer Modeling in MatLab
375	Linear Automatic Control Systems
376	Fundamentals of MES System Design
377	Circuit Design Fundamentals
378	Installation and Commissioning of Automation Systems
379	Industrial Robot and Manipulator Drives
380	Robotics and Robotic Systems
381	Process Measurements and Instrumentation
382	SCADA Systems
383	Fundamentals of Industrial Robotics
384	Microcontroller Programming
385	Adaptive Approach to Building and Maintaining Information Security Systems
386	Information Security in 6G Telecommunication Networks
387	TRIZ Technologies for Innovation
388	Applied Machine Learning
389	Automated Process Control of Oil Pipelines in a Scada System
390	ChatGPT Advanced Course
391	Artificial Intelligence for Everyone

392	Artificial Intelligence (Advanced Level)
<b>ARCHITECTURE AND CONSTRUCTION</b>	
393	BIM Basics (Autodesk Certification)
394	Architectural Drawing
395	Urban Environment Reconstruction
396	Architectural Monument Restoration
397	Modern Materials in Architecture
398	Modern Regulatory Aspects in Architecture and Urban Planning
399	Modern Reinforced Concrete Construction Technologies and Quality
400	Construction Control and Quality Management in Construction
401	Governmental regulation issues in architecture, urban planning, and construction: Normative and Legal Aspects
402	Preparation of project and estimate documentation for construction projects. Expertise and coordination of the design documentation and the feasibility study
403	Optimal methods for constructing concrete structures
404	Photoshop
405	CorelDRAW
<b>Working in Computer-Aided Design and Drafting Systems (Autodesk Certification)</b>	
406	Autodesk Revit
407	Autodesk AutoCAD
408	Autodesk 3dsMAX
409	SketchUP
410	Professional Modeling in Architecture
411	Architectural Design
<b>APPLICATION OF BUILDING STANDARDS IN THE CIVIL CODE OF THE REPUBLIC OF KAZAKHSTAN IN DESIGN AND CONSTRUCTION</b>	
412	Civil Code of the Republic of Kazakhstan EN 1990 Basics of Structural Design
413	Civil Code of the Republic of Kazakhstan EN 1991 Loads on Structures
414	Civil Code of the Republic of Kazakhstan 1992 Design of Reinforced Concrete Structures
415	Civil Code of the Republic of Kazakhstan 1993 Design of Steel Structures
416	Civil Code of the Republic of Kazakhstan 1994 Design of Steel-Concrete Structures
417	Civil Code of the Republic of Kazakhstan EN 1997 Geotechnical Design
418	Civil Code of the Republic of Kazakhstan EN 1998 Design of Seismic-Resistant Structures
419	Civil Code of the Republic of Kazakhstan EN 1993 Designing Aluminum Structures
420	Civil Code of the Republic of Kazakhstan 5.03-107-2013 Load-Bearing and Enclosing Structures
421	Civil Code of the Republic of Kazakhstan EN 300, EN 312, EN 622 -2-3-4-5, European standards for wood-based panel materials
422	Calculation and design of oil and gas pipelines
423	Calculation and Design of Oil and Gas Pipeline Facilities
424	Calculation and Design of Oil and Gas Pipeline Repair
425	Calculation and Design of Formwork and Concrete Work Technology
426	Technology and Organization of Quality Control in Construction and Assembly Works
427	Calculation and Design of Construction Production Technology and Organization
428	Calculation and Design of Energy-Efficient Technologies for Winter Concrete Pouring

429	Calculation and Design of Construction Technology for Internal Engineering Systems
430	Calculation and Design of Construction Technology for External Water Supply and Sewage Networks
431	Calculation and Design of Construction Technology for External Heat and Gas Networks
432	Calculation and Design of Construction Production Organization
<b>ENGINEERING SYSTEMS AND NETWORKS</b>	
433	Technology for Natural Water Purification
434	Wastewater Treatment Technology
435	Transportation of Natural Water
436	Transportation of Wastewater
437	Water Intake Structures
438	Pumps and Pumping Stations
439	Sanitary and Technical Devices of Buildings and Structures
440	Engineering Systems and Networks
441	Key Priorities of State Policy in the Field of Energy Conservation and Improving Energy Efficiency. Goals, Objectives, Development Directions
442	Current State and Prospects of the Construction Industry in the Republic of Kazakhstan in the Sphere of Energy Conservation and Energy Efficiency
443	Energy Audits: Participants, Key Objectives, and Stages
444	Compilation of Energy Balances: Methodology for Collecting and Analyzing Initial Data on Energy Consumption Systems
445	Instrumental Energy Audits: Objectives, Methodology, Equipment Base
446	Renewable Energy Sources, Alternative Energy. Implemented Projects. Prospects, Efficiency
447	Typical Energy-Saving Measures for Buildings and Structures
448	Certification of Energy Efficiency in Residential Buildings. Analysis of European Experience and Recommendations for the Republic of Kazakhstan
449	Implementation of Energy-Efficient Buildings in the Affordable Housing Segment, Reserves and Opportunities for Reducing Construction and Operational Costs
450	Water Treatment and Water Chemistry
451	Operation and Maintenance of Water Supply and Wastewater Systems
<b>INDUSTRIAL SAFETY</b>	
452	Industrial Safety for Engineering and Technical Workers
453	Safety and Occupational Health for Responsible Managers and Members of Permanently Operating Examination Boards
454	Training and Certification in the Field of Safety and Occupational Health
455	Civil Defense in Emergency Situations
456	Safety in the Production and Use of Air Separation Products
457	Industrial Safety in the Operation of Pressure Equipment
458	Requirements for Industrial and Fire Safety considering amendments to regulatory acts and the Law «On Civil Protection» dated January 2, 2023. New changes in labor protection dated January 1, 2023. Modern Occupational Safety Management Systems (OSMS). Specifics of establishing and operating OSMS at an enterprise according to the legislation of the Republic of Kazakhstan

459	Developing Specialized Professional Competencies in Occupational Health and Safety (OHS) for Enterprises"
460	Conducting training games on HSE issues
<b>LOGISTICS</b>	
461	Inventory Management in Logistics
462	Rules for Freight Transportation
463	Warehouse Logistics
464	Enterprise Supply Chain Management
465	Development of Unconventional Bulk Cargo Transportation Systems for Mixed Deliveries
466	Digital Twin of a Transportation Object as a Tool for Designing, Planning, Management, and Training
467	Development of Refrigerated Transport Systems for Continuous Cold Supply Chains
468	Development of Intermodal Transport Vehicles in Mixed Transportation Systems
469	Development of a System for Delivery of Small-Batch Agricultural Cargo in Specialized Containers
470	Rationalization Activities
471	On changes in regulatory and technical documentation for railway transport
<b>LANGUAGE COURSES</b>	
472	English (A1-B2)
473	Research Writing
474	Kazakh language (A1-C1)
475	Russian language for foreigners (A1-C1)
476	Russian language. Rhetoric
477	Basic English Course for Beginners
478	Basic German Course for Beginners
<b>PROJECT MANAGEMENT</b>	
479	Project Management: A Scientific Approach and Data Analysis Tools
480	Sustainable Development at the University: Strategy, Tools, and Practice
481	Understanding Student Diversity: Multicultural Perspectives in Inclusive Education
482	Project Management
483	Project Management in (Construction, Oil & Gas Industry, Mining and Metallurgical Industry)
484	Data Analysis and Business Modeling in Excel
485	Quantitative Analysis in Management
486	SCM (Supply Chain Management)
487	Regional Development in Project Management
489	Public Entrepreneurship
490	Public-Private Partnership
491	Industry Project Management based on PMI PMBOK Guide 6th Edition. Foundation Level
492	Project Management Practice based on PMI PMBOK Guide 6th Edition
493	Project Portfolio Management: A Modern Approach to Implementing Organizational Strategy
494	Change Management
495	Project Quality Management
496	Project Risk Management
497	Project Cost Management
498	Project Scope Management

499	Project Schedule Management
500	Project Personnel Management
501	Effective Communication and Skills for Difficult Negotiations
502	Business Process Management: Design, Optimization, and Automation
503	Project Management for Top Managers
504	Express Course on ISO 21500-2014 Standard of the Republic of Kazakhstan: Project Management Guidance
505	Strategic Performance System. Balanced Company Development Management.
506	Financial Analysis and Project Managemen
507	Finance for Non-Finance Managers
508	Teaching in Microsoft 365
509	Distance education in pedagogy
510	AGILE
511	Emotional Intelligence
512	Leadership
513	Personal Effectiveness
514	Motivation
515	Foundations of Improving Operational Efficiency at Enterprises. Tools for Continuous Improvement Systems
516	Kaizen. Tools of Lean Manufacturing. Line Technology.
517	Ethics in Business Communication
518	Public Speaking and Charisma
519	Economics and Production Organization
520	Business Planning
521	Enterprise Economics
522	Assessment of Company Competitiveness
523	Strategic Marketing
524	Marketing Analysis
525	Marketing Research
526	Marketing Research
527	Industrial Marketing
528	Resources and Efficiency of their Utilization
529	Modern Soft Skills
530	Creative Thinking and Writing
531	Develop your academic skills
532	Research Writing
533	Productivity Skills

## Contacts:

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