

**On approval of the Classifier of specialties and qualifications of technical and vocational, post-secondary education**

***Unofficial translation***

Order of the Minister of Education and Science of the Republic of Kazakhstan of September 27, 2018 No. 500. Registered with the Ministry of Justice of the Republic of Kazakhstan on October 17, 2018 No. 17564.

      Unofficial translation

      In accordance with subparagraph 36) of Article 5 of the Law of the Republic of Kazakhstan "On Education", **I HEREBY ORDER:**

      Footnote. Preamble is in the wording of the order of the Minister of Education of the Republic of Kazakhstan dated 22.06.2023 № 180 (shall be enforced upon expiry of ten calendar days after the day of its first official publication).

      1. Approve:

      1) classifier of specialties and qualifications of technical and vocational education in the wording in accordance with Appendix 1 to this Order;

      2) classifier of specialties and qualifications of post-secondary education in the wording in accordance with Appendix 2 to this Order.

      Footnote. Paragraph 1 is in the wording by Order of the Minister of Education and Science of the Republic of Kazakhstan dated 10.12.2019 № 530 (shall be enforced from 01.09.2020).

      1-1. The Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan and its territorial bodies shall:

      1) on the basis of an application from the licensee, ensure the renewal of previously issued attachments to licenses for engaging in educational activities in qualifications of technical and vocational, post-secondary education in accordance with this order;

      2) when re-issuing attachments to the license for engaging in educational activities in qualifications of technical and vocational, post-secondary education, be guided by this order and the methodological recommendations of the authorized body in education

      Footnote. The order shall be supplemented with paragraph 1-1 in accordance with order № 28 of the acting Minister of Education and Science of the Republic of Kazakhstan dated January 21, 2021 (shall be enforced upon expiry of ten calendar days after the date of its first official publication).

      2. In the manner prescribed by law, the Department of Technical and Vocational Education of the Ministry of Education and Science of the Republic of Kazakhstan (Ospanov N.Zh.) shall provide:

      1) the state registration of this order with the Ministry of Justice of the Republic of Kazakhstan;

      2) within ten calendar days from the date of state registration of this order, sending its copy in paper and electronic form in the Kazakh and Russian languages to the Republican State Enterprise on the Right of Economic Management "Republican Center of Legal Information" for official publication and inclusion into the Reference Central Bank of Regulatory Legal Acts of the Republic of Kazakhstan;

      3) the placement of this Order on the Internet resource of the Ministry of Education and Science of the Republic of Kazakhstan after its official publication;

      4) within ten working days after the state registration of this order, submitting the information to the Department of Legal Service of the Ministry of Education and Science of the Republic of Kazakhstan on the execution of measures provided for in subparagraphs 1), 2) and 3) of this paragraph;

      5) bringing this Order to the attention of regional educational departments, as well as those of Astana, Almaty and Shymkent cities.

      3. Control over the execution of this Order shall be entrusted to the Vice-Minister of Education and Science of the Republic of Kazakhstan , B.A. Assylov.

      4. This Order shall enter into force upon the expiry of ten calendar days after the day of its first official publication.

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| *Minister of Education and Science*  *of the Republic of Kazakhstan* | *E. Sagadiyev* |

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|  | Appendix 1 to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated September 27, 2018 № 500 |

**Classifier of specialties and qualifications of technical and vocational, post-secondary education**

      Footnote. Appendix 1 as amended by the Order of the Minister of Education of the Republic of Kazakhstan dated 23.08.2024 № 217 (effective ten calendar days after the date of its first official publication).

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| --- | --- | --- | --- | --- |
| Code and name of specialty | | Name of qualification | Code in the International Standard Classification of Education | Code in the National Classifier of Occupations of the Republic of Kazakhstan |
| 1 | | 2 | 3 | 4 |
| 01 Education | | | | |
| 011 Education | | | | |
| 0112 Training of educators for preschools | | | | |
| 01120100  Pre-school education and training | | 3W01120101  Assistant educator\* | 0112 | 5311-2-002 |
| 4S01120102  Educator of preschool education and training organization | 0112 | 2362-0 |
| 0113 Training of teachers without subject specialization | | | | |
| 01130100  Organization of educational work (by levels) | | 4S01130101  Educator of a special (correctional) boarding school organization | 0113 | 2374-9 |
| 4S01130102  Educator of an educational organization | 0113 | 2373-9 |
| 4S01130103  Foster mother (foster carer) | 0113 | 2635-6-003 |
| 01130200  Additional education | | 4S01130201  Teacher of additional education (by areas) | 0113 | 2373 |
| 4S01130202  Organizing teacher | 0113 | 2361-0-002 |
| 4S01130203  Counselor in an educational organization \* | 0113 | 3423-0 |
| 01130300  Organization of individual support (by levels) | | 4S01130301  Teaching assistant | 0113 |  |
| 0114 Teacher training with subject specialization | | | | |
| 01140100  Pedagogy and methodology of primary education | | 4S01140101  Teacher of primary education | 0114 | 2361-0 |
| 4S01140102  Teacher of foreign language of primary education \* | 0114 | 2361-0 |
| 01140200  Music education | | 4S01140201  Music teacher of preschool, primary and basic secondary education | 0114 | 2311-0 |
| 01140300  Handicrafts | | 4S01140301  Handicrafts teacher | 0114 | 2350-0 |
| 01140400  Self-knowledge\* | | 4S01140401  Self-knowledge teacher of primary and basic secondary education \* | 0114 | 2350-0 |
| 01140500  Physical education and sports | | 4S01140501  Physical education teacher | 0114 | 3422-1 |
| 4S01140502  Adaptive physical education instructor | 0114 | 3422-3 |
| 4S01140503  Sports coach-teacher | 0114 | 3422-1-010 |
| 4S01140504  Physical education and sports instructor | 0114 | 3422-1-002 |
| 01140600  Pedagogy and methodology of teaching language and literature of basic secondary education | | 4S01140601  Teacher of Kazakh language and literature | 0114 | 2350-9 |
| 4S01140602  Teacher of Russian language and literature | 0114 | 2350-9 |
| 4S01140603  Teacher of Uighur language and literature \* | 0114 | 2350-9 |
| 4S01140604  Teacher of Uzbek language and literature \* | 0114 | 2350-9 |
| 4S01140605  Teacher of foreign language | 0114 | 2350-9 |
| 01140700  Informatics | | 4S01140701  Teacher of informatics of primary and basic secondary education | 0114 | 2350-0 |
| 01140800      Vocational training (by branches) | | 4S01140801  Apprenticeship master, technician (all titles) | 0114 | 2331 |
| 4S01140802  Apprenticeship master, technician-technologist (all titles) | 0114 | 2331-4  3112-9 |
| 02 Arts and Humanities | | | | |
| 021 Arts | | | | |
| 0211 Audiovisuals and media production | | | | |
| 02110100  Camerawork | | 3W02110101  Photographer | 0211 | 3431-0 |
| 4S02110102  Videographer | 0211 | 3521-2-002 |
| 4S02110103  Video editor | 0211 | 3521-3-003 |
| 02110200  Sound engineering | | 4S02110201  Sound operator | 0211 | 3521-2-004 |
| 02110300  Graphic and multimedia design | | 3W02110301  Graphic artist | 0211 | 2166 |
| 3W02110302  Computer graphic operator | 0211 | 2166-2-004 |
| 4S02110303  Graphics animation technician | 0211 | 2166-2 |
| 4S02110304  Graphic designer | 0211 | 2166-1 |
| 02110400  Publishing | | 3W02110401  Prepress operator | 0211 | 7332 |
| 3W02110402  Copywriter | 0211 | 7333-0 |
| 02110500  Printing and packaging production technology | | 3W02110501  Bookbinder | 0211 | 7333-0 |
| 3W02110502  Printing press operator | 0211 | 8184-9-005 |
| 3W02110503  Binding machine operator | 0211 | 7333-0-009 |
| 4S02110504  Engineering technician | 0211 | 3112-9 |
| 0212 Fashion, interior design and industrial design | | | | |
| 02120100  Interior design | | 3W02120101  Art and design works artist | 0212 | 7317-9 |
| 3W02120102  Interior decorator | 0212 | 3432 |
| 4S02120103  Interior designer | 0212 | 3432-1 |
| 02120200  Fashion design | | 3W02120201  Technical and artistic sketches artist | 0212 |  |
| 3W02120202  Clothing and accessories decorator | 0212 |  |
| 4S02120203  Fashion designer | 0212 | 2163-1 |
| 02120300  Industrial products design | | 3W02120301  Industry Illustrator | 0212 | 2163-9-011 |
| 3W02120302  Design equipment operator | 0212 |  |
| 3W02120303  Modeler of layout and model design | 0212 | 7317-9-007 |
| 4S02120304  Industrial product designer | 0212 | 2163-9-009 |
| 0213 Fine Arts | | | | |
| 02130100  Painting, sculpture and graphics (by types) | | 4S02130101  Artist | 0213 | 2651-2 |
| 4S02130102  Illustrator artist | 0213 | 2651 |
| 4S02130103  Sculptor artist | 0213 | 2651-1 |
| 0214 Handicraft production | | | | |
| 02140100  Decorative-applied art and folk crafts (by profile) | | 3W02140101  Art casting molder | 0214 | 7319-1 |
| 3W02140102  Craftsman | 0214 | 7313-2  7315-1  7316-0  7316-4  7319-1  7319-9  7319 |
| 3W02140103  Musical instrument maker | 0214 | 7319 |
| 4S02140104  Decorative and applied arts artist | 0214 | 7317-9 |
| 02140200  Jewelry | | 4S02140201  Master jeweler | 0214 | 7312-2 |
| 0215 Music and theater arts | | | | |
| 02150100  Instrumental performance  (by types of instruments) | | 4S02150101  Concertmaster, teacher of children's music school | 0215 | 2652-3  2373-4 |
| 4S02150102  Orchestra artist (conductor), teacher of children's music school | 0215 | 2652-1  (2652-4)  2373-4 |
| 4S02150103  Folk instruments orchestra artist (conductor), teacher of children's music school | 0215 | 2652-1  (2652-4)  2373-4 |
| 4S02150104  Pop orchestra artist (conductor), teacher of children's music school | 0215 | 2652-1  (2652-4)  2373-4 |
| 02150200  Music theory | | 4S02150201  Musicologist, teacher of children's music school | 0215 | 2652-9  2373-4 |
| 02150300  Vocal art | | 4S02150301  Academic singing artist, teacher of children's music school | 0215 | 2652-5  2373-4 |
| 4S02150302  Traditional singing artist, teacher of children's music school | 0215 | 2652-5  2373-4 |
| 4S02150303  Variety singer, teacher at a children's music school | 0215 | 2652-5  2373-4 |
| 4S02150304  Choir singer | 0215 | 2652-9 |
| 02150400  Choir conducting | | 4S02150401  Choirmaster, teacher | 0215 | 2652-4  2373-4 |
| 02150500  Acting | | 4S02150501  Drama theater actor | 0215 | 2655 |
| 4S02150502  Music theater actor | 0215 | 2655 |
| 4S02150503  Puppet theater actor | 0215 | 2655 |
| 4S02150504  Talking artist | 0215 | 2656 |
| 4S02150505  Variety singing artist | 0215 | 2659-1 |
| 02150600  Circus art | | 4S02150601  Circus artist,  teacher of circus genres | 0215 | 2659-1  2334-0-052 |
| 02150700  Choreographic art | | 4S02150701  Ballet dancer | 0215 | 2653  2653-1-001 |
| 4S02150702  Dance ensemble artist | 0215 | 2653  2653-1-009 |
| 4S02150703  Ballet dancer, teacher, head of a choreographic group | 0215 | 2653  2653-1-008 |
| 4S02150704  Dance ensemble artist, teacher, head of a choreographic group | 0215 | 1432-0-040  2350-9-001 |
| 4S02150705  Contemporary dance artist, teacher, head of a choreographic group | 0215 | 2653  2653-1-008 |
| 4S02150706  Concertmaster of choreographic disciplines, piano teacher | 0215 | 2332-1 |
| 4S02150707  Teacher of rhythm and choreography of educational organization | 0215 | 2350-9 |
| 02150800  Theater and decorative art  (by profile) | | 3W02150801  Props master | 0215 | 7317-9 |
| 3W02150802  Makeup artist | 0215 | 7129-0 |
| 4S02150803  Lighting operator | 0215 | 5142-3 |
| 4S02150804  Costume designer | 0215 | 9629-9 |
| 4S02150805  Decorator artist | 0215 | 2654-0 |
| 02150900  Socio-cultural activities  (by type) | | 4S02150901  Theater group organizer, teacher | 0215 | 2334-0-027 |
| 4S02150902  Organizer of mass cultural events, teacher | 0215 | 3332-0-006 |
| 02151000  Folk art (by type) | | 4S02151001  Head of amateur choreographic group, teacher | 0215 | 1432-0-040 |
| 4S02151002  Head of an amateur orchestra (ensemble) of folk instruments, teacher | 0215 | 1432-0-038 |
| 4S02151003  Head of arts and crafts group, teacher | 0215 | 2334-0-021 |
| 4S02151004  Music director of children's group, teacher | 0215 | 2652-9-001 |
| 022 Humanities (except languages) | | | | |
| 0221 Religion and theology | | | | |
| 02210100  Islamic studies | | 4S02210103  Imam khatib \*\* | 0221 | 2636-2 |
| 4S02210104  Ustaz\*\* | 0221 | 2636-9 |
| 4S02210105  Islamic scholar | 0221 |  |
| 02210200  Theology | | 4S02210201  Theologist | 0221 | 2636-1 |
| 4S02210202  Islamic theologian | 0221 | 2636-1 |
| 02210300  Hadithology | | 4S02210301  Hadith scholar | 0221 | 2636-9 |
| 023 Languages | | | | |
| 0231 Language learning | | | | |
| 02310100  Translation studies (by type) | | 4S02310101  Translator | 0231 | 2643 |
| 03 Social sciences and information | | | | |
| 032 Journalism and information | | | | |
| 0322 Librarianship, information processing and archiving | | | | |
| 03220100  Librarianship | | 4S03220101  Librarian | 0322 | 2622-1 |
| 03220200  Documentation management support of and archiving | | 3W03220201  Office manager | 0322 | 4110 |
| 4S03220202  Records manager | 0322 | 4110 |
| 4S03220203  Archivist | 0322 | 2621-1 |
| 04 Business, management and law | | | | |
| 041 Business and management | | | | |
| 0411 Accounting and taxation | | | | |
| 04110100  Accounting and auditing | | 3W04110101  Cashier-accountant | 0411 | 2411-1-009  4311-9 |
| 4S04110102  Accountant | 0411 | 2411-1-001 |
| 4S04110103  Public procurement manager | 0411 | 2411-3  4311-9 |
| 0412 Finance, banking and insurance | | | | |
| 04120100  Banking and insurance | | 3W04120101  Insurance agent | 0412 | 3321 |
| 3W04120102  Credit agent | 0412 | 3312 |
| 4S04120103  Bank operations manager | 0412 | 2412 |
| 04120200  Appraisal (by type) | | 3W04120201  Agent | 0412 | 3315  3321 |
| 4S04120202  Appraisal technician | 0412 | 3315 |
| 0413 Management and administration | | | | |
| 04130100  Management (by branches and application fields ) | | 4S04130101  Manager | 0413 | 2422 |
| 04130200  Logistics (by branches) | | 3W04130201  Operations logistician | 0413 | 2432 |
| 4S04130202  Forwarder | 0413 | 3331 |
| 0414 Marketing & Advertising | | | | |
| 04140100  Marketing (by branches) | | 3W04140101  Seller | 0414 | 5210 |
| 3W04140102  Merchandiser | 0414 | 2431-2 |
| 4S04140103  Marketing specialist | 0414 | 2431 |
| 042 Law | | | | |
| 0421 Law | | | | |
| 04210100  Jurisprudence | | 4S04210101  Lawyer | 0421 | 2611 |
| 05 Natural sciences, mathematics and statistics | | | | |
| 052 Environment | | | | |
| 0522 Environment and wild life | | | | |
| 05220100  Ecology and environmental activities (by types) | | 3W05220101  Environmental laboratory technician | 0522 | 3122-9 |
| 4S05220102  Technician of specially protected natural territories | 0522 | 2133-1 |
| 05220200  Protection and rational use of natural resources  (by branches) | | 3W05220201  Laboratory technician of chemical and bacteriological analysis | 0522 | 2131-5 |
| 4S05220202  Subsoil protection and use technician | 0522 | 3134 |
| 4S05220203  Technician-technologist | 0522 | 3134 |
| 053 Physical sciences | | | | |
| 0532 Earth sciences | | | | |
| 05320100  Geological survey, prospecting and exploration of mineral deposits (by types) | | 3W05320101  Worker at geological works | 0532 | 7340-0 |
| 3W05320102  Worker at geological survey and prospecting works | 0532 | 7340-0 |
| 4S05320103  Geotechnical engineer | 0532 | 3111-3 |
| 05320200  Technology and technique of mineral deposits exploration | | 3W05320201  Drilling worker | 0532 | 8111-3 |
| 3W05320202  Drill rig operator | 0532 | 3111-3 |
| 4S05320203  Technician | 0532 | 3112-1 |
| 05320300  Hydrogeology and engineering geology | | 3W05320301  Worker at hydrological works | 0532 | 7340-0 |
| 3W05320302  Worker at hydrogeological-surveying and prospecting works | 0532 | 7340-0 |
| 4S05320303  Technician - hydrologist | 0532 | 3111-3 |
| 05320400  Geophysical methods of prospecting and exploration of mineral deposits | | 3W05320401  Worker at geophysical works | 0532 | 7340-0 |
| 3W05320402  Geophysical equipment operator | 0532 | 2114-9 |
| 4S05320403  Geophysical technician | 0532 | 3111-3 |
| 05320500  Meteorology | | 4S05320501  Meteorologist technician | 0532 | 3114-1 |
| 054 Mathematics and statistics | | | | |
| 0542 Statistics | | | | |
| 05420100  Statistics | | 4S05420101  Statistical technician | 0542 | 2120-3  3314-3 |
| 06 Information and communication technologies | | | | |
| 061 Information and communication technologies | | | | |
| 0612 Creation of databases and information networks and their administration | | | | |
| 06120100  Computing and information networks (by types) | | 3W06120101  Computer hardware operator | 0612 | 4131-9 |
| 4S06120102  Network and system administration technician | 0612 | 3512-1 |
| 4S06120103  Database administration technician | 0612 | 3112-1 |
|  | 06120200  Information security systems | 3W06120201  Hardware and software protection operator | 0612 | 3512  4132 |
|  | 4S06120202  IT security technician | 0612 | 3122-2 |
|  | 0613 Software development and analysis | | | |
|  | 06130100  Software (by types) | 3W06130101  Software complex operator | 0613 | 2512-1 |
|  | 3W06130102  Web-designer | 0613 | 3122-2 |
|  | 4S06130103  Software developer | 0613 | 2512-2 |
|  | 4S06130104  Software maintenance and testing technician | 0613 | 3122-2 |
|  | 4S06130105  Information systems technician | 0613 | 3122-2 |
|  | 068 Interdisciplinary programs and qualifications related to information and communication technologies | | | |
|  | 0688 Interdisciplinary programs and qualifications related to information and communication technologies | | | |
|  | 06880100  Additive manufacturing technologies | 3W06880101  Operator of additive installations | 0688 | 8188-3 |
|  | 4S06880102  Technician-technologist | 0688 | 3112-1 |
|  | 07 Engineering, manufacturing and construction industries | | | |
|  | 071 Engineering and practice of engineering | | | |
|  | 0711 Chemical engineering and processes | | | |
|  | 07110100  Chemical technology and production (by type) | 3W07110101  Machine operator (of all names) | 0711 | 8131-9 |
|  | 4S07110102  Technician-technologist (by types) | 0711 | 3112-1 |
|  | 07110200  Coke chemical production | 3W07110201  Machine operator of molded coke production | 0711 | 8131-1 |
|  | 4S07110202  Technician-technologist | 0711 | 3112-1 |
|  | 07110300  Isotope separation and vacuum technology | 3W07110301  Product and process quality controller | 0711 | 8100-0 |
|  | 4S07110302  Technician-technologist | 0711 | 3112-1 |
|  | 07110400  Laboratory technology | 3W07110401  Spectral analysis laboratory technician | 0711 | 8131-9 |
|  | 3W07110402  Laboratory technician of chemical analysis | 0711 | 8131-9 |
|  | 3W07110403  Physical and mechanical testing laboratory technician | 0711 | 7214-9 |
|  | 4S07110404  Laboratory technician | 0711 | 3111-9 |
|  | 07110500  Oil and gas refining technology | 3W07110501  Technological plant operator | 0711 | 8112-9 |
|  | 4S07110502  Technician-technologist | 0711 | 3118-9 |
|  | 0712 Environmental protection technology | | | |
|  | 07120100  Waste recycling | 3W07120101  Solid waste sorter | 0712 | 3114-2-001  9610-1-003 |
|  | 3W07120102  Waste sorting and recycling operator | 0712 | 8189-0 |
|  | 4S07120103  Technician-technologist | 0712 | 3112-1 |
|  | 07120200  Operation and maintenance of environmental installations | 3W07120201  Operator for maintenance of dust and gas collection plants | 0712 | 8186-0 |
|  | 4S07120202  Technician-technologist | 0712 | 3112-1 |
|  | 07120300  Non-destructive testing (by branches and types) | 4S07120301  Non-destructive testing technician | 0712 |  |
|  | 0713 Electrical engineering and energy | | | |
|  | 07130100  Electrical equipment (by types and branches) | 3W07130101  Electrician (by types and branches) | 0713 | 7413-2 |
|  | 3W07130102  Electrician for repair of electrical equipment  (by types and branches) | 0713 | 7413-2 |
|  | 4S07130103  Electrical technician | 0713 | 3121 |
|  | 07130200  Electricity supply (by branches) | 3W07130201  Construction electrician (by branches) | 0713 | 7411-0 |
|  | 4S07130202  Electrical technician | 0713 | 3121 |
|  | 07130300  Thermal power units of thermal power plants | 3W07130301  Auxiliary operator of boiler equipment | 0713 | 8186-0-040 |
|  | 3W07130302  Auxiliary operator of turbine equipment | 0713 | 8186-0-41 |
|  | 4S07130303  Thermal power technician | 0713 | 3121-9 |
|  | 07130400  Thermal equipment and heating systems (by types) | 3W07130401  Repair mechanic of heating networks equipment | 0713 | 7239-2 |
|  | 3W07130402  Repair mechanic of boiler and dust preparation shops | 0713 | 7239-2 |
|  | 4S07130403  Thermal engineer | 0713 | 3121-3 |
|  | 07130500  Renewable energy | 3W07130501  Renewable energy equipment operator | 0713 | 8186 |
|  | 4S07130502  Energy technician | 0713 | 3121-2 |
|  | 07130600  Electric power supply, operation, maintenance and repair of electrical systems of railroads | 3W07130601  Electrician of contact network | 0713 | 7413-2 |
|  | 3W07130602  Electrician of traction substation | 0713 | 7413-2 |
|  | 4S07130603  Electromechanical technician | 0713 | 3121-9 |
|  | 07130700  Maintenance, repair and operation of electromechanical equipment (by types and branches) | 3W07130701  Installer of electric equipment | 0713 | 8213-9 |
|  | 3W07130702  Electric fitter for maintenance and repair of electromechanical equipment | 0713 | 8212-2 |
|  | 3W07130703  Underground electrical fitter | 0713 | 8186-0 |
|  | 4S07130704  Electro-mechanical technician | 0713 | 3121-9 |
|  | 0714 Electronics and automation | | | |
|  | 07140100  Automation and control of technological processes (by profile) | 3W07140101  Mechanic for maintenance and repair of control and measuring instruments and automation | 0714 | 8212 |
|  | 4S07140102  Electromechanical technician | 0714 | 3122-2-005 |
|  | 07140200  Maintenance and repair of automated production systems (by branches) | 4S07140201  Electronics technician | 0714 | 3122 |
|  | 4S07140202  Mechanical engineer | 0714 | 3122-9 |
|  | 07140300  Mechatronics (by branches) | 3W07140301  Mechatronics systems installer and adjuster | 0714 | 7421 |
|  | 4S07140302  Mechatronics technician | 0714 | 3122-9-006 |
|  | 07140400  Robotics and embedded systems (by branches) | 3W07140401  Installation fitter of embedded systems | 0714 | 7421 |
|  | 3W07140402  Installation fitter of robotic systems and complexes | 0714 | 7421 |
|  | 4S07140403  Technician of mobile robotics | 0714 | 7421 |
|  | 4S07140404  Technician of industrial robotics | 0714 | 3122-9 |
|  | 4S07140405  Technician of embedded systems | 0714 | 3122-9 |
|  | 07140500  Digital equipment (by types) | 3W07140501  Digital equipment fitter | 0714 | 7421-1 |
|  | 3W07140502  Mechanic for maintenance and repair of electronic and digital equipment | 0714 | 7421 |
|  | 4S07140503  System technician | 0714 | 3512-2 |
|  | 4S07140504  Electronics technician | 0714 | 7400 |
|  | 07140600  Installation, maintenance and repair of medical equipment | 3W07140601  Electrical mechanic for repair and maintenance of medical equipment | 0714 | 7412-1 |
|  | 4S07140602  Technician for operation and repair of medical equipment | 0714 | 7400 |
|  | 4S07140603  Electronics technician | 0714 | 7400 |
|  | 07140700  Automation, telemechanics and traffic control on railway transport | 3W07140701  Relay electrician | 0714 | 7412-4 |
|  | 3W07140702  Electrician for maintenance and repair of signaling, centralization and interlocking devices | 0714 |  |
|  | 4S07140703  Electromechanical technician | 0714 | 3115-1 |
|  | 07140800  Operation of operational technological communication devices on railroad transport | 4S07140801  Electromechanical technician of communications | 0714 | 3122-9 |
|  | 07140900  Radio engineering, electronics and telecommunications | 3W07140901  Electrician-adjuster of telecommunication equipment and communication channels | 0714 | 7422-1 |
|  | 4S07140902  Telecommunication systems technician | 0714 | 3522 |
|  | 4S07140903  Wireless and mobile communications technician | 0714 | 3122-1-004 |
|  | 4S07140904  Automatic security systems | 0714 | 3122-1-004 |
|  | 4S07140905  Technician of multimedia and digital systems | 0714 | 3122-9 |
|  | 4S07140906  Radio technician | 0714 | 3522 |
|  | 07141000    Postal communication | 3W07141001  Postal communication operator | 0714 | 5160-9 |
|  | 4S07141002  Postal communication technician | 0714 | 3112-1-002 |
|  | 0715 Mechanics and metalworking | | | |
|  | 07150100  Mechanical engineering technology (by types) | 3W07150101  Maintenance technician | 0715 | 7231-9 |
|  | 3W07150102  General machine operator | 0715 | 7214-1-035 |
|  | 3W07150103  Operator of software-controlled machines | 0715 | 8172-9-030 |
|  | 3W07150104  Machine work supervisor | 0715 |  |
|  | 4S07150105  Technician-technologist | 0715 | 3112-1 |
|  | 4S07150106  Technician-mechanic | 0715 | 3115 |
|  | 07150200  Precision engineering | 3W07150201  Assembly fitter | 0715 | 8211-3-001 |
|  | 4S07150202  Mechanical engineer | 0715 | 3115-6 |
|  | 07150300  Turning (by type) | 3W07150301  Turner | 0715 | 7522 |
|  | 3W07150302  Milling technician | 0715 | 7214-1 |
|  | 3W07150303  Grinder | 0715 | 7224-2 |
|  | 4S07150304  Technician-technologist | 0715 | 3115 |
|  | 07150400  Metalworking (by types) | 3W07150401  Wire drawer | 0715 | 8123 |
|  | 3W07150402  Die press operator | 0715 | 8122 |
|  | 4S07150403  Technician-technologist | 0715 | 3112-1 |
|  | 07150500  Welding (by types) | 3W07150501  Electric and gas welder | 0715 | 7212-2 |
|  | 4S07150502  Technician-mechanic | 0715 | 3115-1 |
|  | 07150600  Locksmithing (by branches and types) | 3W07150601  Repair mechanic | 0715 | 7231 |
|  | 3W07150602  Emergency recovery fitter | 0715 | 7231 |
|  | 3W07150603  Toolmaker | 0715 | 722-0-010 |
|  | 3W07150604  Mechanical assembly fitter | 0715 | 8211-3-003 |
|  | 07150700  Lifting machines and conveyors | 3W07150701  Crane operator (by type) | 0715 | 8115-9 |
|  | 4S07150702  Mechanical engineer | 0715 | 3115 |
|  | 07150800  Geological exploration equipment | 3W07150801  Operator of geophysical equipment | 0715 | 7610 |
|  | 4S07150802  Mechanical engineer | 0715 | 3115 |
|  | 07150900  Installation and operation of refrigeration and compressor machines and installations | 3W07150901  Industrial refrigeration and compressor equipment fitter | 0715 | 8185 |
|  | 4S07150902  Mechanical engineer | 0715 | 3115 |
|  | 07151000  Operation, maintenance and repair of printing production equipment | 3W07151001  Printing production equipment fitter | 0715 | 7421 |
|  | 4S07151002  Mechanical engineer | 0715 | 3115-2 |
|  | 07151100  Operation and maintenance of machinery and equipment (by industries) | 3W07151101  Equipment adjuster | 0715 | 7211-9 |
|  | 4S07151102  Mechanical engineer | 0715 | 3115 |
|  | 07151200  Foundry production | 3W07151201  Moulder | 0715 | 8100-0 |
|  | 4S07151202  Technician-technologist | 0715 | 3129-9 |
|  | 3W07151203  Metal and alloy caster | 0715 | 8121-4-025 |
|  | 07151300  Ferrous metallurgy | 3W07151301  Operator of converter loading | 0715 | 8121-1 |
|  | 3W07151302  Converter steelworker | 0715 | 8121-1 |
|  | 3W07151303  Smelter (all types) | 0715 | 8181-1-013 |
|  | 4S07151304  Metallurgical technician | 0715 | 3117-2 |
|  | 07151400  Non- ferrous s metallurgy | 3W07151401  Molten salt electrolyzer | 0715 | 8121-1 |
|  | 3W07151402  Hydrometallurgist apparatus technician | 0715 | 8121-1 |
|  | 3W07151403  Metal and alloy smelting technician | 0715 | 8121-4 |
|  | 4S07151404  Metallurgical technician | 0715 | 3117-2 |
|  | 07151500  Maintenance and repair of blast furnace | 3W07151501  Blast furnace gas operator | 0715 |  |
|  | 3W07151502  Blast furnace plumber | 0715 | 8121-1 |
|  | 3W07151503  Blast furnace keeper | 0715 | 8121-1 |
|  | 07151600  Extra-furnace steel processing | 3W07151601  Steelmaker of extra-furnace steel processing plant | 0715 | 8121-1 |
|  | 07151700  Refractory production | 3W07151701  Firer of refractory products on furnaces | 0715 | 8122-0 |
|  | 3W07151702  Moulder of refractory products | 0715 | 8181-4 |
|  | 4S07151703  Technician-technologist | 0715 | 3112-9 |
|  | 07151800  Rolling production | 3W07151801  Cold rolling mill operator | 0715 | 8123-1 |
|  | 3W07151802  Rolling mill operator | 0715 | 8123 |
|  | 4S07151803  Technician-technologist | 0715 | 3112-9 |
|  | 07151900  Pipe and tube production | 3W07151901  Tube hot rolling mill operator | 0715 | 8123-1 |
|  | 3W07151902  Tube hot rolling mill pulpit operator | 0715 | 8121-5 |
|  | 4S07151903  Technician-technologist | 0715 | 3112-1 |
|  | 0716 Motor vehicles, marine vessels and aircraft | | | |
|  | 07160100  Operation and maintenance of radio-electronic transport equipment (by type of transport) | 4S07160101  Technician for operation and maintenance of radio-electronic equipment | 0716 | 3122-9 |
|  | 4S07160102  Electronics technician | 0716 | 3122 |
|  | 07160200  Electrical and radio installation of marine equipment | 3W07160201  Shipboard radio fitter | 0716 | 7233-9 |
|  | 3W07160202  Shipboard electrician | 0716 | 7411-0 |
|  | 4S07160203  Electrical machinery test and repair electrician | 0716 | 7232-9 |
|  | 4S07160204  Electrical mechanic (shipboard) | 0716 | 3115-3 |
|  | 07160300  Railroad rolling stock production (by types) | 4S07160301  Electromechanical technician | 0716 | 3115-1 |
|  | 07160400  Operation and maintenance of lifting and transporting, construction and road building machinery and mechanisms of railway transport | 3W07160401  Operator of track machinery and mechanisms | 0716 | 7549-5 |
|  | 3W07160402  Track machine operator | 0716 | 8311-1 |
|  | 4S07160403  Technician- mechanic | 0716 | 3121-2 |
|  | 07160500  Operation, repair and maintenance of railroad traction rolling stock | 3W07160501  Locomotive driver assistant (by type) | 0716 | 8311-1 |
|  | 3W07160502  Locomotive maintenance mechanic (by type) | 0716 | 7234-0-005 |
|  | 4S07160503  Electromechanical technician | 0716 | 3121-2 |
|  | 07160600  Operation, repair and maintenance of railroad cars and refrigerator rolling stock | 3W07160601  Railcar repairman | 0716 | 7234-0-007 |
|  | 3W07160602  Train electrician | 0716 | 7549-5-024 |
|  | 4S07160603  Electromechanical technician | 0716 | 3121-2 |
|  | 07160700  Operation, maintenance and repair of urban electric transport | 3W07160701  Rolling stock repair mechanic | 0716 | 7234-0-008 |
|  | 3W07160702  Metro electric train driver | 0716 | 8311-1-027 |
|  | 4S07160703  Electrical technician | 0716 | 7549-5-024 |
|  | 07160800  Technical operation of ground-based aviation radio-electronic equipment | 3W07160801  Radio electrician | 0716 | 3155  2172 |
|  | 4S07160802  Radio navigation, radiolocation and communications technician | 0716 | 3155  2172 |
|  | 4S07160803  Electrical technician | 0716 | 3155  2172 |
|  | 07160900  Aircraft ground handling service | 3W07160901  Fuels and lubricants laboratory technician | 0716 | 3115 |
|  | 4S07160902  Aviation fuel and lubricants technician | 0716 | 3115 |
|  | 4S07160903  Electromechanic for maintenance of lighting equipment of flight support systems | 0716 | 8213 |
|  | 07161000  Aircraft maintenance and repair | 3W07161001  Aircraft repair mechanic | 0716 | 2172 |
|  | 3W07161002  Aircraft assembly fitter | 0716 | 2172 |
|  | 4S07161003  Category B-3 aircraft maintenance technician-mechanic | 0716 | 2172 |
|  | 4S07161004  Category A aircraft maintenance technician-mechanic | 0716 | 2172 |
|  | 07161100  Remotely piloted aircraft system | 3W07161101  Unmanned aircraft operator | 0716 | 2172-9 |
|  | 4S07161102  Technician-mechanic for technical operation of unmanned aircraft systems | 0716 | 3115-4-019 |
|  | 07161200  Aircraft operation and flight information support | 4S07161201  Pilot | 0716 | 2172 |
|  | 4S07161202  Airport flight information service operator | 0716 | 2172 |
|  | 07161300  Maintenance, repair and operation of motor vehicles | 3W07161301  Car repair mechanic | 0716 | 7231-9-006 |
|  | 3W07161302  Electrician for repair of automotive electrical equipment | 0716 | 7231-9-008 |
|  | 3W07161303  Master of automobile transport repair | 0716 |  |
|  | 4S07161304  Mechanical technician | 0716 | 3115-9 |
|  | 07161400  Automobile manufacturing | 3W07161401  Car assembly operator | 0716 | 8211-3-001 |
|  | 3W07161402  Painter of motor vehicles | 0716 |  |
|  | 3W07161403  Metal coating and painting equipment operator | 0716 | 7133-9-022 |
|  | 4S07161404  Mechanical technician | 0716 | 3115-9 |
|  | 4S07161405  Technician - technologist | 0716 | 3112-1 |
|  | 4S07161406  Electromechanical technician | 0716 | 3121-2 |
|  | 07161500  Shipbuilding and maintenance of ship machinery and mechanisms | 3W07161501  Ship hull assembler | 0716 | 8211-6 |
|  | 3W07161502  Ship hull repairman | 0716 | 7233-9-013 |
|  | 3W07161503  Shipboard pipefitter | 0716 | 7233-9 |
|  | 3W07161504  Shipboard fitter | 0716 | 7233-9 |
|  | 4S07161505  Ship systems mechanic | 0716 | 3115-3 |
|  | 4S07161506  Construction technician | 0716 | 3113-1 |
|  | 07161600  Agriculture mechanization | 3W07161601  Repair mechanic | 0716 | 7239-1-005 |
|  | 3W07161602  Master of agricultural machinery repair | 0716 | 7239-2 |
|  | 3W07161603  Tractor driver of agricultural production | 0716 | 8341-1-005 |
|  | 4S07161604  Mechanical technician | 0716 | 3115-9 |
|  | 07161700  Operation, maintenance and repair of agricultural machinery | 3W07161701  Operator of livestock complexes and mechanized farms | 0716 | 8341-9-011 |
|  | 4S07161702  Technician for mechanization of labor-intensive processes | 0716 | 3115-9 |
|  | 072 Production and manufacturing industries | | | |
|  | 0721 Food production | | | |
|  | 07210100  Production of meat and meat products | 3W07210101  Butcher | 0721 | 7511-9-020 |
|  | 3W07210102  Operator of meat production lines | 0721 | 9329-2-010 |
|  | 4S07210103  Technician-technologist | 0721 | 8161-9-014 |
|  | 07210200  Production of milk and dairy products | 3W07210201  Packer | 0721 | 9321-0-003 |
|  | 3W07210202  Operator of milk and dairy products lines | 0721 | 8162-1-008 |
|  | 4S07210203  Technician-technologist | 0721 | 3112-9 |
|  | 07210300  Bakery, pasta and confectionery production | 3W07210301  Sugary products confectioner | 0721 | 7512 |
|  | 3W07210302  Confectioner | 0721 | 7512-3-021 |
|  | 3W07210303  Baker | 0721 | 7512-1-002 |
|  | 3W07210304  Automatic flow line operator (pasta production) | 0721 | 8164-2-004 |
|  | 4S07210305  Technician-technologist | 0721 | 3112-9 |
|  | 07210400  Sugar production | 3W07210401  Sugar production lines operator | 0721 | 8166-0-011 |
|  | 4S07210402  Technician-technologist | 0721 | 3112-9 |
|  | 07210500  Extraction and production of table salt | 3W07210501  Table salt production operator | 0721 | 8131-5-071  8169-9 |
|  | 4S07210502  Technician-technologist | 0721 | 3112-9 |
|  | 07210600  Production of beer, soft and alcoholic drinks | 3W07210601  Liquor production operator | 0721 | 8167-1 |
|  | 3W07210602  Beer production operator | 0721 | 8167-2 |
|  | 3W07210603  Soft drinks production operator | 0721 | 8167-3 |
|  | 4S07210604  Technician-technologist | 0721 | 3112-9 |
|  | 07210700  Fats and fat substitutes production | 3W07210701  Vegetable oil production line operator | 0721 | 8165-9 |
|  | 3W07210702  Fats and fat substitutes production line operator | 0721 | 8165-9 |
|  | 4S07210703  Technician-technologist | 0721 | 3112-9 |
|  | 07210800  Production of tobacco products | 3W07210801  Operator of flow-automated lines for tobacco processing and production of tobacco products | 0721 | 8168-1-008 |
|  | 4S07210802  Technician-technologist | 0721 | 3112-9 |
|  | 07210900  Fish production | 3W07210901  Fish and seafood handler | 0721 | 8161-3-006 |
|  | 4S07210902  Technician-technologist | 0721 | 3112-9 |
|  | 07211000  Fruit and vegetable storage and processing | 3W07211001  Fruit and vegetable storage worker | 0721 | 9211-1-002 |
|  | 3W07211002  Vegetable pickler | 0721 |  |
|  | 4S07211003  Technician-technologist of storage and processing of fruit and vegetables | 0721 | 3112-9 |
|  | 07211100  Production of canned food and food concentrates | 3W07211101  Operator of canned food and food concentrates production lines | 0721 | 8161 |
|  | 4S07211102  Technician-technologist | 0721 | 3112-9 |
|  | 07211200  Elevator, flour milling, cereal and mixed fodder production | 3W07211201    Machine operator of elevator, flour, cereal and mixed fodder production | 0721 | 8163 |
|  | 4S07211202  Technician-mechanic | 0721 | 3115-9 |
|  | 4S07211203  Technician-technologist | 0721 | 3112-9 |
|  | 07211300  Food production technology | 3W07211301  Operator of equipment for preparation, freezing and regeneration of food products of food enterprises | 0721 | 8169-9-007 |
|  | 3W07211302  Semi-finished food preparation lines operator | 0721 | 8161 |
|  | 4S07211303  Technician-technologist | 0721 | 3129 |
|  | 07211400  Technology of crop production and processing | 3W07211401  Operator of plant production and processing | 0721 | 6114 |
|  | 4S07211402  Technician-technologist | 0721 | 3112-9 |
|  | 0722 Production of materials (glass, paper, plastic and wood) | | | |
|  | 07220100  Production of building products and structures | 3W07220101  Charge maker | 0722 | 7549-9-045 |
|  | 3W07220102  Moulder in the production of wall and binding materials | 0722 | 8115 |
|  | 3W07220103  Control panel operator in the production of wall products | 0722 | 8115-3-005 |
|  | 4S07220104  Master for manufacturing and installation of metal-plastic products | 0722 | 8115 |
|  | 4S07220105  Technician-technologist | 0722 | 3112-9 |
|  | 07220200  Production of reinforced concrete and metal products (by types) | 3W07220201  Metalwork assembly fitter | 0722 | 8219-4 |
|  | 3W07220202  Installer of steel and reinforced concrete structures | 0722 | 7114-1-002 |
|  | 4S07220203  Technician-technologist | 0722 | 3112-9 |
|  | 07220300  Chemical fiber production | 3W07220301  Chemical fiber finisher | 0722 | 8131-5 |
|  | 3W07220302  Operator of twisting and winding of chemical fibers | 0722 | 8131-5 |
|  | 4S07220303  Technician-technologist | 0722 | 3112-1 |
|  | 07220400  Manufacture of glass fibers and glass products | 3W07220401  Continuous fiberglass production operator | 0722 | 8181-1 |
|  | 3W07220402  Glass blower | 0722 | 8181-5 |
|  | 3W07220403  Glass forming machine operator | 0722 | 8181-5 |
|  | 4S07220404  Technician-technologist | 0722 | 3121-9 |
|  | 07220500  Tire production | 3W07220501  Tire assembler and molder | 0722 | 8141-2-009 |
|  | 3W07220502  Automotive chamber unit operator | 0722 | 8142-2-016 |
|  | 3W07220503  Press- vulcanization operator | 0722 | 8141-1-018 |
|  | 4S07220504  Technician-technologist | 0722 | 3116-2 |
|  | 07220600  Rubber production | 3W07220601  Procurer of rubber products and parts | 0722 | 8141-1-005 |
|  | 3W07220602  Roller of rubber compounds | 0722 | 8141-1-005 |
|  | 3W07220603  Calender operator | 0722 | 8184-1-007 |
|  | 3W07220604  Rubber mixer operator | 0722 | 8141-3-003 |
|  | 3W07220605  Machine operator of the unit for the production of winding sleeves | 0722 | 8141-2-018 |
|  | 4S07220606  Technician-technologist | 0722 | 3112-1-005 |
|  | 07220700  Technology of polymer production | 3W07220701  Plastic molder | 0722 | 8142-3-021 |
|  | 3W07220702  Assembler of plastics products | 0722 | 8219-9 |
|  | 3W07220703  Operator of polymer production lines | 0722 | 8219-9 |
|  | 3W07220704  Extruder driver | 0722 | 8142-3-010 |
|  | 4S07220705  Technician-technologist | 0722 | 3112-1-005 |
|  | 07220800  Cable production | 3W07220801  Cable production line operator | 0722 | 8189 |
|  | 4S07220802  Technician-technologist | 0722 | 3112-9 |
|  | 07220900  Ceramic production | 3W07220901  Potter | 0722 | 7313-3 |
|  | 3W07220902  Ceramic production equipment operator | 0722 | 7313-9 |
|  | 3W07220903  Manufacturer of building ceramics products | 0722 | 7313-2 |
|  | 4S07220904  Technician-technologist | 0722 | 3115-1 |
|  | 07221000  Manufacture of porcelain and earthenware products | 3W07221001  Moulder of porcelain and earthenware products | 0722 | 7313-9-026 |
|  | 3W07221002  Firer of ceramic, porcelain and earthenware products | 0722 | 8181-3-008 |
|  | 4S07221003  Technician-technologist | 0722 | 3112-1-005 |
|  | 07221100  Technology of refractory non-metallic and silicate materials and products | 3W07221101  Rotary kiln operator (firer) | 0722 | 8121-1 |
|  | 3W07221102  Raw mill operator | 0722 | 8115-9 |
|  | 4S07221103  Technician-technologist | 0722 | 3112-1 |
|  | 07221200  Technology of production of composite materials and products | 3W07221201  Operator of composite materials and products production | 0722 | 8142-3-009 |
|  | 4S07221202  Technician-technologist | 0722 | 3112-1-005 |
|  | 07221300    Stone production | 3W07221301  Stone processing operator | 0722 | 7113  8115-3-003 |
|  | 4S07221302  Stone processing technologist | 0722 | 3112-1-002 |
|  | 07221400  Furniture production | 3W07221401  Manufacturer of decorative furniture elements | 0722 | 7522-1 |
|  | 3W07221402  Wood product assembler | 0722 | 7522-1 |
|  | 3W07221403  Furniture assembler | 0722 | 7522-1-010 |
|  | 3W07221404  Furniture dresser | 0722 | 7534-1-002 |
|  | 3W07221405  Master of carpentry and furniture production | 0722 | 7522-1 |
|  | 4S07221406  Technician-technologist | 0722 | 7522-1 |
|  | 07221500  Technology of nanomaterials-based products | 3W07221501  Operator of nanomaterials-based products manufacture | 0722 | 8189 |
|  | 4S07221502  Technician-technologist | 0722 | 3112-9 |
|  | 0723 Textiles (clothing, footwear and leather goods) | | | |
|  | 07230100  Clothing production and modeling | 3W07230101  Seamstress | 0723 | 7533-1-016 |
|  | 3W07230102  Tailor | 0723 | 7531-1-002 |
|  | 3W07230103  Embroiderer | 0723 | 7533-2-002 |
|  | 3W07230104  Clothing constructor | 0723 | 2163-1-009 |
|  | 3W07230105  Fashion designer | 0723 | 7532-2-001 |
|  | 4S07230106  Construction designer | 0723 | 2163-1-010 |
|  | 4S07230107  Technician-technologist | 0723 | 3112-1-005 |
|  | 07230200  Technology of fur and fur coat production | 3W07230201  Planer of leather and fur raw materials and semi-finished products | 0723 | 7535-2 |
|  | 3W07230202  Beamster | 0723 | 7535-2 |
|  | 3W07230203  Fur cutter | 0723 | 7531 |
|  | 3W07230204  Sewer of products | 0723 | 7533-1 |
|  | 4S07230205  Technician-technologist | 0723 | 3112-1 |
|  | 07230300  Chemical treatment of leather and fur | 3W07230301  Operator of leather and fur chemical treatment lines | 0723 | 7535-1 |
|  | 3W07230302  Leather roller | 0723 | 7535-2 |
|  | 4S07230303  Technician-technologist | 0723 | 3112-1 |
|  | 07230400  Weaving production (by type) | 3W07230401  Handloom weaver | 0723 | 8152-1-00 |
|  | 3W07230402  Weaving machines operator | 0723 | 8152-1 |
|  | 4S07230403  Technician-technologist | 0723 | 3112-9 |
|  | 07230500  Technology of spinning and carding  (by type) | 3W07230501  Operator of carding machines and equipment | 0723 | 8151-1-014 |
|  | 3W07230502  Operator of spinning machines and equipment | 0723 | 8151 |
|  | 4S07230503  Technician-technologist | 0723 | 3112-9 |
|  | 07230600  Technology of fiber materials processing | 3W07230601  Fiber trimmer | 0723 | 7316-2 |
|  | 3W07230602  Operator of fiber processing machines and equipment | 0723 | 8159-9 |
|  | 4S07230603  Technician-technologist | 0723 | 3112-9 |
|  | 07230700  Technology of nonwoven textiles | 3W07230701  Knitter of nonwoven textiles | 0723 | 8152 |
|  | 3W07230702  Operator of machinery and equipment for production of nonwovens | 0723 | 8152-2-005 |
|  | 4S07230703  Technician-technologist | 0723 | 3112-9 |
|  | 07230800  Technology of knitted, textile, haberdashery products | 3W07230801  Lace maker | 0723 | 7316-2-022 |
|  | 3W07230802  Knitting and stitching equipment operator | 0723 | 8152-2-004 |
|  | 3W07230803  Cutter | 0723 | 8173-9 |
|  | 4S07230804  Technician-technologist | 0723 | 3112-9 |
|  | 07230900  Finishing production (by profile) | 3W07230901  Fabric finishing operator | 0723 | 8152-1-017 |
|  | 3W07230902  Fabric dyeing operator | 0723 | 8115 |
|  | 4S07230903  Technician-technologist | 0723 | 3112-9 |
|  | 07231000    Shoe business | 3W07231001  Master of individual shoe tailoring and repair | 0723 | 7536-2 |
|  | 3W07231002  Master of orthopedic footwear tailoring and repair | 0723 | 7536-2 |
|  | 07231100  Footwear manufacturing (by type) | 3W07231101  Material cutter | 0723 | 8159-2 |
|  | 3W07231102  Shoe assembler | 0723 | 7532-2 |
|  | 3W07231103  Shoe shaper | 0723 | 7536-1 |
|  | 4S07231104  Technician-technologist | 0723 | 3112-1 |
|  | 0724 Mining and mineral extraction | | | |
|  | 07240100  Underground mining of mineral resources | 3W07240101  Underground miner | 0724 | 8113-1 |
|  | 3W07240102    Mining laborer at the mine face | 0724 |  |
|  | 3W07240103  Tunneler | 0724 | 8113-1 |
|  | 3W07240104  Underground mining engineer | 0724 |  |
|  | 4S07240105  Technician-technologist | 0724 | 3117-1 |
|  | 07240200  Mine surveying | 3W07240201  Surveyor on topographic-geodetic and surveying works | 0724 | 7340-0 |
|  | 3W07240202  Mining laborer on surveying works | 0724 | 7340-0 |
|  | 4S07240203  Survey technician | 0724 | 3117-1 |
|  | 07240300  Open-pit mining of mineral deposits | 3W07240301  Excavator driver | 0724 | 8113-4 |
|  | 3W07240302  Surface miner | 0724 | 8113-2-006 |
|  | 4S07240303  Technician-technologist | 0724 | 3117-1 |
|  | 4S07240304  Mechanical engineer | 0724 | 3117-1 |
|  | 3W07240305  Electric locomotive driver | 0724 | 8311-1-010 |
|  | 07240400  Mineral enrichment (coal enrichment) | 3W07240401  Control panel operator | 0724 | 8114-2 |
|  | 3W07240402  Coal preparation processor operator | 0724 | 8114-2 |
|  | 4S07240403  Technician-technologist | 0724 | 3117-1 |
|  | 07240500  Mineral enrichment (ore dressing) | 3W07240501  Operator of crushing and screening equipment | 0724 | 8114-1 |
|  | 3W07240502  Sintering plant operator | 0724 | 8114-1 |
|  | 4S07240503  Technician-technologist | 0724 | 3117-1 |
|  | 07240600  Construction of underground structures | 3W07240601  Tunneler | 0724 | 8113-1 |
|  | 3W07240602  Driver of mining excavation machines | 0724 | 8113-3 |
|  | 3W07240603  Mining equipment fitter | 0724 | 8113-1 |
|  | 4S07240604  Construction technician | 0724 | 3117-1 |
|  | 07240700  Oil and gas well drilling and drilling technology | 3W07240701  Driller | 0724 | 8111 |
|  | 4S07240702  Technician-technologist | 0724 | 3118  3112-9 |
|  | 07240800  Oil and gas production technology | 3W07240801  Operator | 0724 | 8111 |
|  | 4S07240802  Technician-technologist | 0724 | 3118  3112-9 |
|  | 07240900  Exploitation of oil and gas fields | 3W07240901  Operator | 0724 | 8111 |
|  | 4S07240902  Technician-technologist | 0724 | 3118  3112-9 |
|  | 073 Architecture and construction | | | |
|  | 0731 Architecture and urban construction | | | |
|  | 07310100  Architecture | 3W07310101  Graphic artist | 0731 | 2512-2-006 |
|  | 4S07310102  Design technician | 0731 | 2164 |
|  | 07310200  Geodesy and cartography | 4S07310201  Surveyor technician | 0731 | 2165-1 |
|  | 4S07310202  Aerial photographic surveyor technician | 0731 | 2165-9 |
|  | 4S07310203  Cartography technician | 0731 | 2165-2 |
|  | 07310300  Land management | 3W07310301  Draftsman | 0731 | 3124 |
|  | 4S07310302  Land surveyor | 0731 | 3111-4-003 |
|  | 07310400  Design, restoration and reconstruction of civil buildings | 3W07310401  Master of art layout | 0731 | 9312 |
|  | 3W07310402  Master of art and decorative works | 0731 | 9312 |
|  | 4S07310403  Design technician | 0731 | 3112-1-002 |
|  | 07310500  Landscape design | 3W07310501  Landscaper | 0731 | 9116-0-007 |
|  | 4S07310502  Landscape designer | 0731 | 3432-2 |
|  | 0732 Construction work and civil engineering | | | |
|  | 07320100  Construction and operation of buildings and structures | 3W07320101  Roofing master | 0732 | 7121 |
|  | 3W07320102  Master of carpentry and parquet works | 0732 | 7115 |
|  | 3W07320103  Master of drywall construction | 0732 | 7129 |
|  | 3W07320104 General construction master | 0732 | 7111 |
|  | 3W07320105  Master of finishing construction works | 0732 | 7132 |
|  | 4S07320106  Construction technician | 0732 | 3113-1 |
|  | 07320200  Construction estimating | 4S07320201  Estimating technician | 0732 | 3113-5 |
|  | 07320300  Automated systems for design and operation of buildings | 3W07320301  BIM-user | 0732 | 3113-9 |
|  | 4S07320302  BIM- technician | 0732 | 3113-9 |
|  | 4S07320303  Service technician for intelligent building management systems | 0732 |  |
|  | 07320400  Real estate management | 3W07320401  House master | 0732 |  |
|  | 4S07320402  Apartment building manager | 0732 |  |
|  | 07320500  Hydraulic engineering | 4S07320501  Hydraulics technician | 0732 | 3115-9-022 |
|  | 07320600  Installation of main local and network pipelines | 3W07320601  Technician for fabrication and repair of process pipelines | 0732 | 7239-2-035 |
|  | 3W07320602  Installer of technological pipelines | 0732 | 7119-9 |
|  | 4S07320603  Mechanical engineer | 0732 | 3115-1-016 |
|  | 07320700  Construction and operation of highways and airfields | 3W07320701  Road worker | 0732 | 7549-5-002  7549-5-001 |
|  | 3W07320702  Road construction machine operator | 0732 | 8311-9 |
|  | 4S07320703  Construction technician | 0732 | 3113 |
|  | 4S07320704  Mechanical engineer | 0732 | 7549-5-002  7549-5-001 |
|  | 07320800  Construction of railways, track and track facilities | 3W07320801  Master for current maintenance and repair of railroad tracks | 0732 | 7549 |
|  | 3W07320802  Operator of the flaw detection cart | 0732 | 8312-0-004 |
|  | 4S07320803  Rail track maintenance worker, construction worker | 0732 | 3112-1-002  7549-5-002 |
|  | 07320900  Construction and operation of urban transportation routes | 4S07320901  Construction technician | 0732 | 3121 |
|  | 07321000  Elevators and escalators (by type) | 3W07321001  Elevator and escalator electrician | 0732 | 7412-2-003 |
|  | 4S07321002  Mechanical engineer | 0732 | 3115-1-016 |
|  | 07321100  Installation and operation of engineering systems of housing and utilities facilities | 3W07321101  Plumber | 0732 | 7126-1-001 |
|  | 3W07321102  Master for maintenance of engineering systems of housing and utilities facilities | 0732 | 7119 |
|  | 4S07321103  Technician for installation and operation of engineering systems | 0732 | 7127-0 |
|  | 07321200  Installation and operation of gas supply equipment and systems | 3W07321201  Gas equipment operation and repair fitter | 0732 | 7239-9 |
|  | 4S07321202  Gas facilities equipment operation technician | 0732 | 8189-9 |
|  | 07321300  Operation of water supply and wastewater treatment facilities | 3W07321301  Installer of technological equipment of treatment facilities | 0732 | 8189-0 |
|  | 3W07321302  Waste water treatment plant operator | 0732 | 8189-0 |
|  | 4S07321303  Technician-technologist of wastewater treatment facilities | 0732 | 3112-9 |
|  | 07321400  Hydrotechnical reclamation | 3W07321401  Inspector-adjuster of irrigation and drainage system | 0732 | 8189-0-050 |
|  | 4S07321402  Hydromelioration technician | 0732 | 3142-0-018 |
|  | 07321500  Bridges and transportation tunnels | 4S07321501  Construction technician | 0732 | 3113 |
|  | 078 Interdisciplinary programs and qualifications related to engineering, manufacturing and construction | | | |
|  | 0788 Interdisciplinary programs and qualifications related to engineering, manufacturing and construction | | | |
|  | 07880100  Standardization, Metrology and Certification  (by branches) | 4S07880101  Standardization technician | 0788 | 3129-4 |
|  | 4S07880102  Metrology technician | 0788 | 3129-4 |
|  | 08 Agriculture, forestry, fisheries and veterinary science | | | |
|  | 081 Agriculture | | | |
|  | 0811 Crop production and livestock raising | | | |
|  | 08110100  Agronomy | 3W08110101  Field-crop grower | 0811 | 6111-1-003 |
|  | 3W08110102  Seed grower | 0811 | 6113-9-002 |
|  | 4S08110103  Agronomist | 0811 | 3142-0-001 |
|  | 08110200  Agrochemistry | 3W08110201  Lab technician | 0811 |  |
|  | 3W08110202  Soil specialist | 0811 | 3142-0-011 |
|  | 4S08110203  Agrochemist | 0811 | 3142-0-005 |
|  | 08110300  Horticulture | 3W08110301  Horticulturist | 0811 | 6111-2-004 |
|  | 3W08110302  Gourd grower | 0811 | 6111-2-001 |
|  | 3W08110303  Winegrower | 0811 | 6112-0-001 |
|  | 3W08110304  Fruit grower | 0811 | 6112-0-004 |
|  | 4S08110305  Horticulture technician | 0811 | 3142-0-023 |
|  | 08110400  Plant protection and quarantine | 3W08110401  Lab technician | 0811 |  |
|  | 3W08110402  Plant protection and quarantine worker | 0811 | 6114-0-005 |
|  | 4S08110403  Plant protection and quarantine technician | 0811 | 3142-0-003 |
|  | 08110500  Zootechnics | 3W08110501  Poultry breeder | 0811 | 6122-1-001 |
|  | 3W08110502  Livestock master | 0811 | 6121 |
|  | 4S08110503  Poultry technician | 0811 | 3142-0-024 |
|  | 4S08110504  Zoo technician | 0811 | 3142-0-007 |
|  | 08110600  Beekeeping and silk production | 3W08110601  Bee-keeper | 0811 | 6123-0 |
|  | 3W08110602  Silk breeder | 0811 | 6123-0 |
|  | 4S08110603  Technician | 0811 | 6123-0 |
|  | 08110700  Fisheries (by species) | 3W08110701  Fish-breeder | 0811 | 6221-0 |
|  | 3W08110702  Fish farmer | 0811 | 6222-0 |
|  | 4S08110703  Fisheries technician | 0811 | 6222-0 |
|  | 0812 Crop husbandry | | | |
|  | 08120100  Gardening and park management | 3W08120101  Nursery grower | 0812 | 6210-9-007 |
|  | 3W08120102  Florist | 0812 | 6113-2-005  6113-2-004 |
|  | 3W08120103  Landscaper | 0812 | 2162-0 |
|  | 4S08120104  Horticulture technician | 0812 | 3112-1 |
|  | 08120200  Greenhouse farming organization | 3W08120201  Plant care phytosanitary | 0812 | 2132-9 |
|  | 3W08120202  Greenhouse operator | 0812 | 3142 |
|  | 4S08120203  Master of greenhouse production | 0812 | 3142 |
|  | 082 Forestry | | | |
|  | 0821 Forestry | | | |
|  | 08210100  Forestry | 3W08210101  Logger | 0821 | 6210-1 |
|  | 3W08210102  Forest ranger | 0821 | 6210-5 |
|  | 4S08210103  Forest foreman | 0821 | 6210-1 |
|  | 4S08210104  Forest technician | 0821 | 6210-1 |
|  | 08210200  Hunting and fur breeding | 3W08210201  Gamekeeper | 0821 | 5419-3 |
|  | 3W08210202  Fur breeder | 0821 | 6129-0 |
|  | 4S08210203  Hunting technician | 0821 | 6129-0 |
|  | 084 Veterinary | | | |
|  | 0841 Veterinary | | | |
|  | 08410100  Veterinary | 3W08410101  Veterinary animal treatment operator | 0841 | 6121-9-004 |
|  | 3W08410102  Artificial insemination operator of animals and birds | 0841 | 6121-3-007 |
|  | 3W08410103  Veterinary hygienist | 0841 | 5190-4-007 |
|  | 4S08410104  Veterinary technician | 0841 | 3240 |
|  | 4S08410105  Veterinary assistant | 0841 | 3240 |
|  | 09 Healthcare and social welfare | | | |
|  | 091 Healthcare | | | |
|  | 0911 Dentistry | | | |
|  | 09110100  Dentistry | 3W09110101  Dental hygienist | 0911 | 3251-0-002 |
|  | 4S09110102  Dentist | 0911 | 3251-0-003 |
|  | 4S09110103  Dental assistant | 0911 | 3251-0-005 |
|  | 09110200  Orthopedic dentistry | 4S09110201  Dental technician | 0911 | 3214 |
|  | 0912 Medicine | | | |
|  | 09120100  Medical care | 4S09120101  Paramedic | 0912 | 3212-0-006 |
|  | 0913 Patients care (nursing) and midwifery | | | |
|  | 09130100  Nursing | 3W09130101  Assistant nurse(s)/ nurse(s)/ male nurse (s) practitioner | 0913 | 3221-0-005 |
|  | 3W09130102  Massage therapist | 0913 | 3221-0-001  5149-1 |
|  | 4S09130103 General practice nurse (s)/male nurse practitioner(s) | 0913 | 3221-0-004 |
|  | 09130200  Midwifery | 4S09130201  Obstetrician | 0913 | 3222-0-001 |
|  | 0914 Medical diagnostics and treatment technology | | | |
|  | 09140100  Laboratory diagnostics | 4S09140101  Medical lab technician | 0914 | 3141-1-002 |
|  | 09140200  Medical optics | 4S09140201  Medical optician | 0914 | 7320-3-010 |
|  | 4S09140202  Optician | 0914 | 3254 |
|  | 0916 Pharmaceuticals | | | |
|  | 09160100  Pharmacy | 4S09160101  Pharmacist | 0916 | 3213-0-002 |
|  | 092 Social welfare | | | |
|  | 0923 Social work and counseling | | | |
|  | 09230100  Social work | 3W09230101  Assistant social worker | 0923 | 5320-9 |
|  | 4S09230102  Social worker | 0923 | 3412-0-008 |
|  | 098 Interdisciplinary programs and qualifications related to healthcare and social welfare | | | |
|  | 0988 Interdisciplinary programs and qualifications related to healthcare and social welfare | | | |
|  | 09880100  Preventive medicine | 4S09880101  Epidemiologic hygienist | 0988 | 5320-9 |
|  | 10 Services | | | |
|  | 101 Service area | | | |
|  | 1011 Household services | | | |
|  | 10110100  Dry cleaning and dyeing | 3W10110101  Dry cleaning machine operator | 1011 | 8154-3 |
|  | 3W10110102  Quality controller of product processing | 1011 | 8100-0 |
|  | 4S10110103  Technician-technologist | 1011 | 3112-1 |
|  | 1012 Hairstyling and cosmetology services | | | |
|  | 10120100  Hairstyling | 3W10120101  Hair stylist | 1012 | 5141-1-007 |
|  | 4S10120102  Fashion designer | 1012 | 5141-1-003 |
|  | 10120200  Aesthetic cosmetology | 3W10120201  Makeup artist | 1012 | 5142-3-001 |
|  | 3W10120202  Master of art tattooing | 1012 |  |
|  | 4S10120203  Aesthetician cosmetologist | 1012 | 5142-1 |
|  | 4S10120204  Makeup artist, stylist | 1012 |  |
|  | 1013 Hospitality, restaurants and catering | | | |
|  | 10130100  Hotel business | 3W10130101  Administrator | 1013 | 3349-0-002 |
|  | 3W10130102  Head maid | 1013 | 9112-1-001 |
|  | 4S10130103  Hotel operations manager | 1013 | 4224 |
|  | 4S10130104  Supervisor | 1013 | 3332 |
|  | 10130200  Organization of catering service | 3W10130201  Waiter | 1013 | 5130-3-001 |
|  | 3W10130202  Barista bartender | 1013 | 5130-2-002 |
|  | 3W10130203  Maitre d' | 1013 | 3349-0-014 |
|  | 4S10130204  Event service manager | 1013 | 3332-0-006 |
|  | 10130300  Organization of catering | 3W10130301  Pastry chef | 1013 | 7512-3-021 |
|  | 3W10130302  Chef | 1013 | 5120 |
|  | 4S10130303  Technologist | 1013 | 3129-9-006 |
|  | 1015 Travel, Tourism & Leisure | | | |
|  | 10150100  Tourism | 3W10150101  Tourist instructor | 1015 | 3423-0-017 |
|  | 3W10150102  Tour guide | 1015 | 5113-1-003 |
|  | 3W10150103  Travel agent | 1015 | 4221-0-016 |
|  | 4S10150104  Tourism manager | 1015 |  |
|  | 4S10150105  Guide | 1015 | 5113 |
|  | 10150200  Destination management | 4S10150201  Ecotourism Manager | 1015 |  |
|  | 4S10150202  Tourist promotion manager | 1015 |  |
|  | 4S10150203  Tourist information center manager | 1015 |  |
|  | 102 Occupational health and safety at work | | | |
|  | 1022 Occupational health and production safety | | | |
|  | 10220100  Occupational health and safety of technological processes | 4S10220101  Occupational health and safety technician | 1022 | 3160-6-009 |
|  | 103 Security services | | | |
|  | 1031 Military affairs and security \*\*\* | | | |
|  |  |  | 1031 |  |
|  | 1032 Protection of citizens and property | | | |
|  | 10320100  Fire safety | 3W10320101  Firefighter | 1032 | 5411-0 |
|  | 3W10320102  Respiratory protection equipment fitter | 1032 | 5411-0 |
|  | 4S10320103  Fire safety technician | 1032 | 5411-0 |
|  | 10320200  Protection in emergency situations (by profile) | 3W10320201  Rescuer | 1032 | 5415 |
|  | 3W10320202  Cynologist | 1032 | 5415-1 |
|  | 3W10320203  Diver | 1032 | 5415-2 |
|  | 3W10320204  Industrial climber | 1032 | 7119-9-016 |
|  | 4S10320205  Technician | 1032 | 5415 |
|  | 104 Transport services | | | |
|  | 1041 Transport services | | | |
|  | 10410100  Organization of air transportation | 3W10410101  Air travel booking and sales agent | 1041 | 4221 |
|  | 4S10410102  Air transportation agent | 1041 | 4221 |
|  | 10410200  Organization of transportation and traffic control on railway transport | 3W10410201  Railway station duty officer of 4th and 5th classes | 1041 | 4323-2-004 |
|  | 3W10410202  Duty officer of station centralization post | 1041 | 4323-9 |
|  | 3W10410203  Cargo and baggage handler | 1041 | 9333-3 |
|  | 3W10410204  Transportation documents processing operator | 1041 | 4323-9 |
|  | 4S10410205  Transportation management technician | 1041 | 4323-9 |
|  | 10410300  Organization of transportation and traffic management on road transport | 3W10410301  Document processing operator | 1041 | 4110 |
|  | 4S10410302  Technician | 1041 | 3112-1-002 |
|  | 10410400  Road traffic organization | 3W10410401  Traffic inspector | 1041 | 3160-9-001 |
|  | 4S10410402  Technician | 1041 | 3112-1-002 |
|  | 10410500  Operation of water transport (by profile) | 3W10410501  Seaman | 1041 | 8350-2 |
|  | 3W10410502  Helmsman (sternwheeler) | 1041 | 8350-1 |
|  | 3W10410503  Shipboard electrician | 1041 | 8350-2 |
|  | 3W10410504  Motorist (machinist) | 1041 | 8311-1 |
|  | 3W10410505  Small vessel pilot | 1041 | 3115-3-023 |
|  | 4S10410506  Mechanic (shipboard) | 1041 | 3115-3 |
|  | 4S10410507  Electrical mechanic (shipboard) | 1041 | 3115-3 |
|  | 4S10410508  Vessel technician | 1041 | 3115-3 |
|  | 4S10410509  Technician | 1041 | 3112-1 |

      Note:

      1. The fields of education and areas of technical and vocational education in the Classifier are combined into groups and represented by nine-digit digital codes in accordance with the International Standard Classification of Education – 2013:

      the first and second characters of the code, which have a digital and alphabetic expression, indicate the education level according to the National Qualifications Framework in accordance with the European Qualifications Framework:

      qualified personnel– 3W;

      mid-level specialists – 4S;

      the third and fourth characters of the code indicate the areas of technical and vocational education;

      the fifth character of the code indicates the area of ​​training in a given area of ​​technical and vocational education;

      the sixth character of the code indicates specialization in a given area of ​​technical and vocational education;

      the seventh and eighth characters of the code indicate the two-digit digital code of the specialty of technical and vocational education;

      the ninth and tenth characters of the code indicate the two-digit digital code of the name of the qualification.

      \* specialties and qualifications shall be valid until July 15, 2025 for persons enrolled in educational organizations;

      \*\* qualifications are valid until July 15, 2028 for persons enrolled in educational organizations;

      \*\*\* the list of specialties in this profile is determined in accordance with the orders of the heads of ministries and departments in charge of military, special educational institutions.

      2. Each ​​education area includes interdisciplinary programs that are formed at the junction of several fields or areas of personnel training of the education areas and the serial number of the interdisciplinary program.

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|  | Appendix 2 to the Order of the Minister of Education and Science  of the Republic of Kazakhstan  dated September 27, 2018 № 500 |

**Classifier of specialties and qualifications of post-secondary education**

      Footnote. Appendix 2 as amended by the Order of the Minister of Education of the Republic of Kazakhstan dated 23.08.2024 № 217 (effective ten calendar days after the date of its first official publication).

|  |  |  |  |
| --- | --- | --- | --- |
| Code and name of specialty | Code and name of qualification | Code in the International Standard Classification of Education | Code in the National Classifier of Occupations of the Republic of Kazakhstan |
| 1 | 2 | 3 | 4 |
| 01 Education | | | |
| 011 Education | | | |
| 0112 Training of educators for preschools | | | |
| 01120100  Pre-school education and training | 5AB01120101  Applied Bachelor of pre-school education and training | 0112 | 2362-0 |
| 0113 Training of teachers without subject specialization | | | |
| 01130100  Speech therapy | 5AB01130101  Applied Bachelor of speech therapy | 0113 | 2374-9-007 |
| Training of teachers with subject specialization | | | |
| 01140100  Pedagogy and methodology of primary education | 5AB01140101  Applied Bachelor of pedagogy and methodology of primary education | 0114 | 2361-0 |
| 01140200  Physical education and sports | 5AB01140201  Applied Bachelor of physical education and sports | 0114 | 2334-0-047  3422-1-014 |
| 5AB01140202  Applied Bachelor of adaptive physical education and sports | 0114 | 2374-9-003  3422-3 |
| 01140300  Pedagogy and methodology of teaching language and literature of basic secondary education | 5AB01140301  Applied bachelor of pedagogy and methodology of teaching Kazakh language and literature | 0114 | 2350-3-003 |
| 5AB01140302  Applied Bachelor of pedagogy and methodology of teaching Russian language and literature | 0114 | 2350-3-004 |
| 5AB01140303  Applied Bachelor of pedagogy and methodology of teaching foreign language | 0114 | 2350-3-001 |
| 01140400  Informatics | 5AB01140401  Applied Bachelor of Informatics | 0114 | 2350-4-001 |
| 01140500  Vocational training (by branches) | 5AB01140501  Applied Bachelor of professional education | 0114 | 2338-2 |
| 02 Arts and Humanities | | | |
| 021 Arts | | | |
| 0211 Audiovisuals and media production | | | |
| 02110100  Graphic and multimedia design | 5AB02110101  Applied Bachelor of graphic and multimedia design | 0211 | 2166 |
| 02110200  Publishing | 5AB02110201  Applied Bachelor of publishing | 0211 | 2642 |
| 02110300  Printing and packaging production technology | 5AB02110301  Applied Bachelor of Printing and packaging production technology | 0211 | 2145-1-004 |
| 0212 Fashion, interior design and industrial design | | | |
| 02120100  Interior design | 5AB02120101  Applied Bachelor of Interior design | 0212 | 2163 |
| 02120200  Fashion design | 5AB02120201  Applied Bachelor of fashion design | 0212 |  |
| 02120300  Industrial products design | 5AB02120301  Applied Bachelor of industrial products design | 0212 |  |
| 0214 Handicraft production | | | |
| 02140100  Restoration (by types) | 5AB02140101  Applied Bachelor of archival and library materials restoration | 0214 | 7319-9 |
| 5AB02140102  Applied Bachelor of restoration of art products and works of decorative and applied art | 0214 | 7317-9  7316-9  7315-1 |
| 5AB02140103  Applied Bachelor of architectural monuments restoration | 0214 | 7123-0 |
| 0215 Music and theater arts | | | |
| 02150100  Socio-cultural activities  (by type) | 5АВ02150101  Applied Bachelor of socio-cultural activities | 0215 | 2361-0-002  2371-9-001  2334-0-039 |
| 02150200  Folk art (by type) | 5АВ02150201  Applied Bachelor of folk art | 0215 | 2334 |
| 023 Languages | | | |
| 0231 Language learning | | | |
| 02310100  Translation studies (by type) | 5АВ02310101  Applied Bachelor of translation | 0231 | 2643 |
| 04 Business, management and law | | | |
| 041 Business and management | | | |
| 0411 Accounting and taxation | | | |
| 04110100  Accounting and audit | 5AB04110101  Applied Bachelor of accounting and audit | 0411 | 2411 |
| 0412 Finance, banking and insurance | | | |
| 04120100  Appraisal (by type) | 5AB04120101  Applied Bachelor of appraisal | 0412 | 2413 |
| 04120200  Banking and insurance | 5AB04120201  Applied Bachelor of banking and insurance | 0412 | 2413 |
| 0413 Management and administration | | | |
| 04130100  Management (by branches and application fields ) | 5AB04130101  Applied Bachelor of management | 0413 | 2631 |
| 0414 Marketing & Advertising | | | |
| 04140100  Marketing (by branches) | 5AB04140101  Applied Bachelor of marketing | 0414 | 2431  2631 |
| 5AB04140102  Applied Bachelor of category management |  |  |
| 05 Natural sciences, mathematics and statistics | | | |
| 052 Environment | | | |
| 0522 Environment and wild life | | | |
| 05220100  Ecology and nature conservation (by types) | 5AB05220101  Applied Bachelor of ecology and nature conservation | 0522 | 2133 |
| 06 Information and communication technologies | | | |
| 061 Information and communication technologies | | | |
| 0612 Creation of databases and information networks and their administration | | | |
| 06120100  Computing and information networks (by type) | 5АВ06120101  Applied Bachelor of Computing and information networks | 0612 | 2522 |
| 06120200  Information security systems | 5АВ06120201  Applied Bachelor of information security systems | 0612 | 2524 |
| 0613 Software development and analysis | | | |
| 06130100  Software (by types) | 5AB06130101  Applied Bachelor of software | 0613 | 2512 |
| 068 Interdisciplinary programs and qualifications related to information and communication technologies | | | |
| 0688 Interdisciplinary programs and qualifications related to information and communication technologies | | | |
| 06880100  Additive manufacturing technologies | 5AB06880101  Applied Bachelor of additive manufacturing technologies | 0688 | 2149-8-001 |
| 07 Engineering, manufacturing and construction industries | | | |
| 071 Engineering and practice of engineering | | | |
| 0711 Chemical engineering and processes | | | |
| 07110100  Chemical technology and production (by types) | 5AB07110101  Applied Bachelor of chemical production technology | 0711 | 2113-0-016 |
| 07110200  Laboratory technology | 5AB07110201  Applied Bachelor of laboratory technology | 0711 | 2113-0-010 |
| 07110300  Coke chemical production | 5AB07110301  Applied Bachelor of coke chemical production | 0711 | 2113-0-016 |
| 07110400  Isotope separation and vacuum technology | 5AB07110401  Applied Bachelor of Isotope separation and vacuum technology | 0711 | 2113-0-016 |
| 07110500  Oil and gas refining technology | 5AB07110501  Applied Bachelor of Oil and gas refining technology | 0711 | 2145-2-002 |
| 0712 Environmental protection technology | | | |
| 07120100  Waste recycling | 5AB07120101  Applied Bachelor of waste recycling | 0712 | 2133-1-003 |
| 0713 Electrical engineering and energy | | | |
| 07130100  Energy supply(by branches) | 5AB07130101  Applied Bachelor of energy supply | 0713 | 2151-1 |
| 07130200  Maintenance, repair and operation of electromechanical equipment (by types and branches) | 5AB07130201  Applied Bachelor of maintenance, repair and operation of electromechanical equipment | 0713 | 2151-1-005 |
| 0714 Electronics and automation | | | |
| 07140100  Automation and control of technological processes (by profile) | 5AB07140101  Applied Bachelor of automation and control of technological processes | 0714 | 2141-3-002 |
| 07140200  Mechatronics (by branches) | 5AB07140201  Applied Bachelor of Mechatronics | 0714 | 2144-9-030 |
| 07140300  Robotics and embedded systems (by branches) | 5AB07140301  Applied Bachelor of robotics and embedded systems | 0714 | 2519-9-001 |
| 07140400  Installation, maintenance and repair of medical equipment | 5АВ07140401  Applied Bachelor of Installation, maintenance and repair of medical equipment | 0714 | 2149-9-004 |
| 07140500  Radio engineering, electronics and telecommunications | 5АВ07140501  Applied Bachelor of telecommunication systems | 0714 | 2153-2 |
| 5АВ07140502  Applied Bachelor of wireless and mobile communications | 0714 | 2153-2 |
| 5АВ07140503  Applied Bachelor of automatic safety systems | 0714 | 2151-9 |
| 0715 Mechanics and metalworking | | | |
| 07150100  Mechanical engineering technology (by types) | 5АВ07150101  Applied Bachelor of mechanical engineering technology | 0715 | 2144 |
| 07150200  Non- ferrous metals metallurgy | 5АВ07150201  Applied Bachelor of non- ferrous metallurgy | 0715 | 2146 |
| 07150300  Ferrous metals metallurgy | 5АВ07150301  Applied Bachelor of ferrous metallurgy | 0715 | 2146 |
| 07150400  Technology of production of composite materials and products | 5АВ07150401  Applied Bachelor in technology of production of composite materials and products | 0715 | 2141 |
| 07150500  Metalworking (by types) | 5АВ07150501  Applied Bachelor of Metalworking | 0715 | 2141 |
| 0716 Motor vehicles, marine vessels and aircraft | | | |
| 07160100  Operation and maintenance of radio-electronic transport equipment (by type of transport) | 5AB07160101  Applied Bachelor of operation and maintenance of radio-electronic transport equipment | 0716 | 2152 |
| 07160200  Operation, maintenance and repair of urban electric transport | 5AB07160201  Applied Bachelor of operation, maintenance and repair of urban electric transport | 0716 | 2151 |
| 07160300  Maintenance, repair and operation of motor vehicles | 5AB07160301  Applied Bachelor of Maintenance, repair and operation of motor vehicles | 0716 | 2144-6-009 |
| 07160400  Technical operation of ground-based aviation radio-electronic equipment | 5AB07160401  Applied Bachelor of Technical operation of ground-based aviation radio-electronic equipment | 0716 | 2152-9  2172 |
| 07160500  Aircraft ground handling service | 5AB07160501  Applied Bachelor of aircraft ground handling service | 0716 | 2172 |
| 07160600  Aircraft maintenance and repair | 5AB07160601  Applied Bachelor of aircraft maintenance and repair | 0716 | 2172 |
| 07160700  Remotely piloted aircraft systems | 5AB07160701  Applied Bachelor of Remotely piloted aircraft system | 0716 | 2172 |
| 07160800  Aircraft operation and flight information support | 5AB07160801  Applied Bachelor of aircraft operation and flight information support | 0716 | 2144-4-022 |
| 07160900  Agriculture mechanization | 5AB07160901  Applied Bachelor of Agriculture mechanization | 0716 | 2132 |
| 07161000  Operation, maintenance and repair of agricultural machinery | 5AB07161001  Applied Bachelor of operation, maintenance and repair of agricultural machinery | 0716 | 2132 |
| 072 Production and manufacturing industries | | | |
| 0721 Food production | | | |
| 07210100  Food production technology | 5AB07210101  Applied Bachelor of food production technology | 0721 | 2145-4 |
| 07210200  Elevator, flour milling, cereal and mixed fodder production | 5AB07210201  Applied Bachelor of elevator, flour milling, cereal and mixed fodder production | 0721 | 2145-4 |
| 07210300  Crop production and processing technology | 5AB07210301  Applied Bachelor of crop production and processing technology | 0721 | 2145-4 |
| 07210400  Bakery, pasta and confectionery production | 5AB07210401  Applied Bachelor of bakery, pasta and confectionery production | 0721 | 2145-4 |
| 0722 Production of materials (glass, paper, plastic and wood) | | | |
| 07220100  Production of reinforced concrete and metal products (by types) | 5AB07220101  Applied Bachelor of Production of reinforced concrete and metal products | 0722 | 2142 |
| 07220200  Polymer production technology | 5AB07220201  Applied Bachelor of technology | 0722 | 2145-2 |
| 0724 Mining and mineral extraction | | | |
| 07240100  Underground mining of mineral resources | 5AB07240101  Applied Bachelor of underground mineral engineering | 0724 | 2146-1 |
| 07240200  Oil and gas well drilling and drilling works technology | 5AB07240201  Applied Bachelor of drilling technology | 0724 | 2147-1 |
| 07240300  Oil and gas fields exploitation | 5AB07240301  Applied Bachelor of oil and gas fields exploitation | 0724 | 2147-2 |
| 073 Architecture and construction | | | |
| 0731 Architecture and urban construction | | | |
| 07310100  Architecture | 5AB07310101  Applied Bachelor of architecture | 0731 | 2161 |
| 07310200  Geodesy and cartography | 5AB07310201  Applied Bachelor of geodesy and cartography | 0731 |  |
| 07310300  Land management | 5AB07310301  Applied Bachelor of land management | 0731 | 2165-4 |
| 07310400  Design, restoration and reconstruction of civil buildings | 5AB07310401  Applied Bachelor of design, restoration and reconstruction of civil buildings | 0731 | 2161 |
| 0732 Construction work and civil engineering | | | |
| 07320100  Construction and operation of buildings and structures | 5AB07320101  Applied Bachelor of construction and operation of buildings and structures | 0732 | 2142-2 |
| 07320200  Construction estimating | 5AB07320201  Applied Bachelor of construction estimating | 0732 | 2149-5-003 |
| 07320300  Automated systems for design and operation of buildings | 5AB07320301  Applied Bachelor of automated systems for design and operation of buildings | 0732 | 2142 |
| 5AB07320302  Applied Bachelor of maintenance of an intelligent building management system | 0732 |  |
| 07320400  Real estate management | 5AB07320401  Applied Bachelor of real estate management | 0732 |  |
| 07320500  Hydraulic engineering | 5AB07320501  Applied Bachelor of hydraulic engineering | 0732 | 2142-9 |
| 07320600  Installation of main local and network pipelines | 5AB07320601  Applied Bachelor of main local and network pipelines installation | 0732 | 2147-4 |
| 07320700  Construction and operation of highways and airfields | 5AB07320701  Applied Bachelor of construction and operation of highways and airfields | 0732 | 2142-3  2142-9-014 |
| 07320800  Elevator and escalator systems (by type) | 5AB07320801  Applied Bachelor of elevator and escalator systems | 0732 | 2142-2 |
| 07320900  Installation and operation of engineering systems of housing and utilities facilities | 5AB07320901  Applied Bachelor of Installation and operation of engineering systems of housing and utilities | 0732 | 2142-9 |
| 07321000  Bridges and transportation tunnels | 5AB07321001  Applied Bachelor of construction and operation of bridges and transportation tunnels | 0732 | 2142-3 |
| 078 Interdisciplinary programs and qualifications related to engineering, manufacturing and construction | | | |
| 0788 Interdisciplinary programs and qualifications related to engineering, manufacturing and construction | | | |
| 07880100  Standardization, Metrology and Certification  (by branches) | 5AB07880101  Applied Bachelor of Standardization, Metrology and Certification | 0788 | 2149-4 |
| 08 Agriculture, forestry, fisheries and veterinary science | | | |
| 081 Agriculture | | | |
| 0811 Crop production and livestock raising | | | |
| 08110100  Agronomy | 5AB08110101  Applied Bachelor of agronomy | 0811 | 2132-1 |
| 08110200  Agrochemistry | 5AB08110201  Applied Bachelor of Agrochemistry | 0811 | 2132-4 |
| 08110300  Horticulture | 5AB08110301  Applied Bachelor of horticulture | 0811 | 6112-0-003 |
| 08110400  Plant protection and quarantine | 5AB08110401  Applied Bachelor of plant protection and quarantine | 0811 | 2132-2 |
| 082 Forestry | | | |
| 0821 Forestry | | | |
| 08210100  Forestry | 5AB08210101  Applied Bachelor of Forestry | 0821 | 2132 |
| 084 Veterinary | | | |
| 0841 Veterinary | | | |
| 08410100  Veterinary | 5AB08410101  Applied Bachelor of Veterinary | 0841 | 2250 |
| 09 Healthcare and social welfare | | | |
| 091 Healthcare | | | |
| 0913 Patients care (nursing) and midwifery | | | |
| 09130100  Nursing | 5AB09130101  Applied Bachelor of nursing | 0913 | 2220 |
| 092 Social welfare | | | |
| 0923 Social work and counseling | | | |
| 09230100  Social work | 5AB09230101  Applied Bachelor of social work | 0923 | 2635-9 |
| 10 Services | | | |
| 101 Service area | | | |
| 1011 Household services | | | |
| 10110100  Dry cleaning and dyeing | 5AB10110101  Applied Bachelor of dry cleaning and dyeing | 1011 | 2145-9 |
| 1012 Hairstyling and cosmetology services | | | |
| 10120100  Hairstyling | 5AB10120101  Applied Bachelor of hairstyling | 1012 | 5141 |
| 10120200  Aesthetic cosmetology | 5AB10120201  Applied Bachelor of aesthetic cosmetology | 1012 |  |
| 1013 Hospitality, restaurants and catering | | | |
| 10130100  Hotel business | 5AB10130101  Applied Bachelor of hotel business | 1013 | 2421-0 |
| 10130200  Organization of catering service | 5AB10130201  Applied Bachelor of catering service organization | 1013 | 2421-0 |
| 10130300  Catering | 5AB10130301  Applied Bachelor of catering | 1013 |  |
| 1015 Travel, Tourism & Leisure | | | |
| 10150100  Tourism | 5AB10150101  Applied Bachelor of tourism | 1015 | 2421-0 |
| 102 Occupational health protection and safety at work | | | |
| 1022 Occupational health and production safety | | | |
| 10220100  Occupational and technological processes safety | 5AB10220101  Applied Bachelor of occupational and technological processes safety | 1022 |  |
| 103 Security services | | | |
| 1032 Protection of citizens and property | | | |
| 10320100  Fire safety | 5AB10320101  Applied Bachelor of Fire safety | 1032 |  |
| 10320200  Protection in emergency situations (by profile) | 5AB10320201  Applied Bachelor of emergency protection | 1032 | 2149-3 |
| 104 Transport services | | | |
| 1041 Transport services | | | |
| 10410100  Organization of air transportation | 5AB10410101  Applied Bachelor of air transportation organization | 1041 | 2172 |
| 10410300  Organization of transportation and traffic control on railway transport | 5AB10410301  Applied Bachelor in organization of transportation and traffic control on railway transport | 1041 | 2432  2144-8 |
| 10410400  Organization of transportation and traffic management on road transport | 5AB10410401  Applied Bachelor in organization of transportation and traffic management on road transport | 1041 | 2432 |
| 10410500  Road traffic organization | 5AB10410501  Applied Bachelor of road traffic organization | 1041 | 2432 |
| 10410600  Operation of water transport (by profile) | 5AB10410601  Applied Bachelor of water transport operation | 1041 | 2171 |

      Note:

      1. Fields of education and training areas of post-secondary education in the Classifier are grouped by groups and represented by nine-digit numerical codes according to the International Standard Classification of Education - 2013:

      the first and second digits of the code, having numerical and alphabetic expression, means the level of education according to the National Qualifications Framework in accordance with the European Qualifications Framework:

      Applied Bachelor – 5AB;

      the third and fourth characters of the code indicate the areas of post-secondary education;

      the fifth character of the code indicates the training direction in this ​​post-secondary education area;

      the sixth character of the code indicates specialization in this post-secondary education area;

      the seventh and eighth characters of the code indicate the two-digit numeric code of the specialty of post-secondary education;

      the ninth and tenth characters of the code indicate the two-digit numeric code of the name of the qualification;

      2. Each field of education includes interdisciplinary programs, which are formed at the junction of several fields or personnel training areas. Interdisciplinary programs are classified by adding the digits “088” in the codes of education areas and the serial number of the interdisciplinary program.

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