Public-Professional Accreditation of Curricula (Results)

Russian Association of Engineering Education (AEER) has been involved in the development and progression of public-professional accreditation system of engineering and technology programs within Russia during the last 10 years. The following issues were embraced: the study of international experience history and the development of assessment criteria and requirements for engineering and technology programs, pursuant to existing international requirements. Further, Russia, represented by AEER, was admitted to the international Alliance ENA EE (European Network for Accreditation of Engineering Education). AEER was entitled to assigning the international certification label (EUR -AC E label) for accredited programs. In view of this fact, the existing quality assessment system of education programs in Russia has been acknowledged in 14 EU countries, such as Germany, France, Great Britain, Ireland, Portugal, Turkey and others.

At the same time AEER had been taking insistent measures in entering the International Engineering Alliance Washington Accord and in 2007 AEER was included in the Alliance as associated member with Provisional signatory (website WA).

In 2012 (June 14) the International Engineering Alliance Meeting (Interim Meeting 2012, Sidney, Australia) was held, where Russia, represented by AEER, was admitted to Washington Accord (Washington Agreement) as authorized Signatory member (website WA).

Russia became the 15th Signatory- country of the Washington Agreement. This implies that all engineering education programs accredited by AEER are acknowledged by other Signatories as equivalent analogue accredited programs, including such countries as USA, Canada, Great Britain, Japan, Korea, Singapore, Ireland, Australia, South Africa and other countries.

Thus, the quality assessment system for engineering education programs developed by AEER has been acknowledged by the majority of developed countries. It can be stated that a well-developed national public-professional accreditation system for engineering education programs has been established in Russia and AEER accreditation has been internationally accepted.

Based on the results (30.06.2013) 111 EUR-ACE[®] labels were awarded to 192 accredited education programs from 34 Russian universities; while in Kazakhastan, 34 education programs from 7 universities were awarded EUR-ACE[®] Label due to international AEER accreditation.

The following Register shows the successfully accredited education programs by AEER.

	Program Code	Qualification	Program Name	Certificate	Accreditation Period				
					Period				
4			sity named after I.I. Polzunov	4.550	1007 0000				
1.	100400	INT	Electrical Supply	AEER	1997-2002				
2.	120100	INT	Mechanical Engineering Technology	AEER	1997-2002				
3.	120500	INT	Welding Equipment and Technology	AEER	1997-2002				
4.	150900	FCD	Technology, Equipment and Automation	AEER	2003-2008				
		Dagestan State University							
	Dagestan State	University							
1.	210104	INT	Microelectronics and Solid State Electronics	AEER	2013-2018				
	210101			EUR-ACE®	2010 2010				
2.	280201	INT	Environmental Protection and Rational Use	AEER	2013-2018				
2.			of National Resources	EUR-ACE®	2015 2010				
	Ivanovo State	Power Univer	sity						
1.	140404	INT	Nuclear Power Plants and Installations	AEER	2009-2014				
1.	140404			EUR-ACE®	2003-2014				
2.	210106	INT	Industrial Electronics	AEER	2009-2014				
۷.				EUR-ACE®	2003-2014				
	Irkutsk State T	echnical Univ	/ersity						
1.	130100	INT	Aircraft and Helicopter Construction	AEER	2004-2009				
2.	250400	INT	Chemical Engineering of Natural Power		2004 2000				
Ζ.	250400		Supplies and Carbon-base Materials	AEER	2004-2009				
	Kazan Nationa	I Research Te	chnical University named after A.N. Tupolev						
4	150600	FCD		AEER	2011 2016				
1.	150600	FCD	Science and Technology of New Materials	EUR-ACE®	2011-2016				
~	1.0100	FCD		AEER					
2.	160100	FCD	Aircraft Construction and Rocket Production	EUR-ACE®	2011-2016				
-			a al	AEER					
3.	230100	FCD	Computer Science	EUR-ACE®	2011-2016				
	Kazan Nationa	Research Te	chnological University	LOININGE					
1.	240100	FCD	Chemical Technology and Biotechnology	AEER	2004-2009				
		İ	Chemical Engineering for Innovative	AEER					
2.	240100	SCD	Entrepreneurship	EUR-ACE®	2013-2018				
	Komorovo Inst	itute of Food	Science and Technology	LON-ACL					
	Kemerovo mst			AEER					
1.	240700	FCD	Food Biotechnology	EUR-ACE®	2013-2018				
	Krasnoyarsk St	ata Tachnica	Linixovcity	LUK-ACL					
1	200700	INT	Radio Engineering	AEER	1007 2002				
<u>1.</u>		INT	Computers, Systems and Networks		1997-2002				
2.	220100	INT		AEER	1997-2002				
3.			Radio Engineering	AEER	2003-2008				
	Komsomolsk-o	n-Amur State	Technical University						
1.	140600	FCD	Electrical Engineering, Electromechanics and	AEER	2005-2010				
2	1.400.01	INIT	Electrical Technology	4.550	2005 2010				
2.	140601	INT	Electromechanics	AEER	2005-2010				
3.	140604	INT	Electrical Drives and Automated Industrial	AEER	2005-2010				
			Sets and Engineering Systems						
4			I University "Stankin"	4.555	1002 1005				
1.	120100	INT	Mechanical Engineering Technology	AEER	1993-1998				
2.	120200	INT	Metal-cutting Machines and Tools	AEER	1993-1998				
3.	120400	INT	Machines and Metal Forming Technology	AEER	1993-1998				
5.	120400								
		1	Automation of Technological Processes and	AFFR	1993-1998				
4.	210200	INT	Manufacturing	AEER	1993-1998				
4.		1		AEER AEER	1993-1998 1993-1998				
4. 5.	210200 210300 220300	INT INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems						
4. 5.	210200 210300 220300 Moscow State	INT INT INT Mining Univ	Manufacturing Robots and Robotic Systems Automated Production Systems ersity	AEER AEER	1993-1998 1993-1998				
4. 5. 6. 1.	210200 210300 220300	INT INT Mining Univ INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction	AEER	1993-1998				
4. 5. 6. 1.	210200 210300 220300 Moscow State	INT INT INT Mining Univ	Manufacturing Robots and Robotic Systems Automated Production Systems ersity	AEER AEER	1993-1998 1993-1998				
4. 5. 6. 1. 2.	210200 210300 220300 Moscow State 090400 090500	INT INT Mining Univ INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining	AEER AEER AEER AEER AEER	1993-1998 1993-1998 1996-2001 1996-2001				
4. 5. 6. 1. 2.	210200 210300 220300 Moscow State 090400	INT INT Mining Univ INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction	AEER AEER AEER AEER AEER	1993-1998 1993-1998 1996-2001				
4. 5. 6. 1. 2.	210200 210300 220300 Moscow State 090400 090500 130408	INT INT Mining Univ INT INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining	AEER AEER AEER AEER	1993-1998 1993-1998 1996-2001 1996-2001				
4. 5. 6. 1. 2. 3.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State	INT INT Mining Univ INT INT INT University of	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology	AEER AEER AEER AEER AEER EUR-ACE®	1993-1998 1993-1998 1996-2001 1996-2001 2010-2015				
4. 5. 6. 1. 2. 3.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State 070200	INT INT Mining Univ INT INT INT University of INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology Low Temperature Physics and Technology	AEER AEER AEER AEER EUR-ACE® AEER	1993-1998 1993-1998 1996-2001 1996-2001 2010-2015 1996-2001				
4. 5. 6. 1. 2. 3. 1. 2.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State 070200 170600	INT INT Mining Univ INT INT INT University of INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology Low Temperature Physics and Technology Food Production Machines and Devices	AEER AEER AEER AEER EUR-ACE® AEER AEER AEER	1993-1998 1993-1998 1996-2001 2010-2015 1996-2001 1996-2001 1996-2001				
4. 5. 6. 1. 2. 3. 1. 2.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State 070200	INT INT Mining Univ INT INT INT University of INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology Low Temperature Physics and Technology Food Production Machines and Devices Automation of Technological Processes	AEER AEER AEER AEER EUR-ACE® AEER	1993-1998 1993-1998 1996-2001 1996-2001 2010-2015 1996-2001				
4. 5. 6. 1. 2. 3. 1. 2. 3. 3.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State 070200 170600 210200	INT INT Mining Univ INT INT University of INT INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology Low Temperature Physics and Technology Food Production Machines and Devices Automation of Technological Processes and Manufacturing	AEER AEER AEER AEER EUR-ACE® AEER AEER AEER AEER	1993-1998 1993-1998 1996-2001 2010-2015 1996-2001 1996-2001 1996-2001				
4. 5. 6. 1. 2. 3. 1. 2.	210200 210300 220300 Moscow State 090400 090500 130408 Moscow State 070200 170600	INT INT Mining Univ INT INT INT University of INT INT	Manufacturing Robots and Robotic Systems Automated Production Systems ersity Mine and Underground Construction Open-pit Mining Mine and Underground Construction Applied Biotechnology Low Temperature Physics and Technology Food Production Machines and Devices Automation of Technological Processes	AEER AEER AEER AEER EUR-ACE® AEER AEER AEER	1993-1998 1993-1998 1996-2001 2010-2015 1996-2001 1996-2001 1996-2001				

List of Accredited Programmes, Russian Federation (as of 31.12.2013)

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	Program Code	Qualification	Program Name	Certificate	Accreditation Period
	Moscow State	Institute of R	adio Engineering, Electronics and Automation (Te	echnical Unive	
	210302	INT	Radio Engineering	AEER	2004 - 2009
!.	220402	INT	Robots and Robotic Systems	AEER	2005-2010
	200203	INT	Optoelectronic Devices and Systems	AEER	2005-2010
	220401	INT	Mechatronics	AEER	2005-2010
				AEER	
	210104	INT	Microelectronics and Solid State Electronics	EUR-ACE®	2005-2010
	230105	INT	Computer Technology and Automated Systems Software	AEER	2005-2010
	230201	INT	Information Systems and Technologies	AEER	2005-2010
	230101	INT	Computers, Systems and Networks	AEER EUR-ACE®	2008-2013
).	210104	INT	Microelectronics and Solid State Electronics	AEER EUR-ACE®	2010-2015
0.	200200	FCD	Optical Engineering	AEER EUR-ACE®	2010-2015
1.	210300	FCD	Radio Engineering	AEER EUR-ACE®	2010-2015
12.	211000	SCD	Quality Assurance and Certification of Electronic Equipment	АИОР EUR-ACE®	201 3-2018
			Measurement and Information Technologies and	АИОР	
3.	210100	SCD	Systems	EUR-ACE®	201 3-2018
	Moscow Instit	ute of Electro	onic Technology (Technical University)	LON ACL	
	210100	FCD	Electronics and Microelectronics	AEER	2003-2008
	230100	FCD	Computer Science	AEER	2003-2008
			ty of Electronic Technology (MIET)	ALLK	2003-2000
	National Rese		Electrical Engineering, Electromechanics		
•	140600	FCD	and Electrical Technology	AEER	2005-2010
	140602	INT	Electrical and Electronic Machines	AEER EUR-ACE®	2007-2012
	140604	INT	Electrical Drives and Automated Industrial Sets and Engineering Systems	AEER EUR-ACE®	2007-2012
ŀ.	140609	INT	Electrical Equipment for Aircraft	AEER EUR-ACE®	2007-2012
5.	140611	INT	Insulators, Cables and Capacitors	AEER EUR-ACE®	2007-2012
ō.	140403	INT	Technical Physics of Thermonuclear Reactors and Plasma Installations	AEER EUR-ACE®	2010-2015
	«MATI» -Russia	an State Tech	nological University		
	190300	INT	Aircraft instruments, Measuring and Computing complexes	AEER	1996-2001
	110400	INT	Foundry of Ferrous and Non-ferrous Metals	AEER	1996-2001
	110400	INT	Metal Science and Thermal Treatment of Metals	AEER	1996-2001
		INT			
	110700		Welding Metallurgy	AEER	1996-2001
			olytechnic University	4.550	1006 2001
	071600	INT	High Voltage Engineering and Physics	AEER	1996-2001
	080200	INT	Geology and Prospecting of Mineral Resources	AEER	1996-2001
	180100	INT	Electromechanics	AEER	1996-2001
	200400	INT	Industrial Electronics	AEER	1996-2001
i.	210400	INT	Applied Mathematics	AEER	1996-2001
	250900	INT	Chemical Engineering of Modern Energetic Materials	AEER	1999-2004
<i>.</i>	250800	INT	Chemical Engineering of Refractory Non-Metal and Silicate Materials	AEER	2000-2005
J.	070500	INT	Nuclear Reactors and Power Plants	AEER	2000-2005
	220100	INT	Computer Science	AEER	2000-2005
0.	100500	INT	Thermal Power Plants	AEER	2000-2005
1.	101300	INT	Boiler and Reactor Engineering	AEER	2000-2005
2.	230100	FCD	Computer Science	AEER	2003-2008
3.	140600	FCD	Electrical Engineering, Electromechanics and Electrical Technology	AEER	2003-2008
4.	140601	INT	Electromechanics	AEER	2004-2009
			Electrical Drives and Automated Industrial Sets		2004-2009
5. 6.	230101	INT INT	and Engineering Systems Computers, Systems and Networks	AEER	2004-2009
				AEER	
7.	020804	INT	Geoecology	/ YELIY	2004-2009

	Program Code	Qualification	Program Name	Certificate	Accreditation Period
18.	130100	FCD	Geology and Prospecting of Mineral Resources	AEER	2005-2010
19.	200106	INT	Measurement Devices and Technologies	AEER EUR-ACE®	2007-2012
20.	200203	INT	Opto-Electronic Equipment and Systems	AEER EUR-ACE®	2007-2012
21.	240304	INT	Chemical Engineering of Refractory Non-Metal and Silicate Materials	AEER EUR-ACE®	2007-2012
22.	240901	INT	Biotechnology	AEER EUR-ACE®	2008-2011
23.	140200	FCD	Electrical Power Engineering	AEER EUR-ACE®	2008-2013
24.	150917	SCD	High-technology Physics in Mechanical Engineering	AEER EUR-ACE®	2008-2013
25.	230100	FCD	Computer Science	AEER EUR-ACE®	2008-2013
26.	140600	FCD	Electrical Engineering, Electromechanics and Electrical Technology	AEER EUR-ACE®	2008-2013
27.	140200	SCD	High Voltage Engineering and Physics	AEER EUR-ACE®	2010-2015
28.	130100	SCD	Groundwater Resources Formation and Composition	AEER EUR-ACE®	2010-2015
29.	150900	FCD	Technology, Equipment and Automation of Mechanical Engineering Productions	AEER EUR-ACE®	2011-2016
30.	220301	INT	Automation of Technological Processes and Manufacturing (Gas and Oil field)	AEER EUR-ACE®	2011-2016
31.	210100	SCD	Physical Electronics	AEER EUR-ACE®	2011-2016
32.	140200	SCD	Mode Control of Electric Power Systems	AEER EUR-ACE®	2011-2016
33.	140400	SCD	Electrical Drives and Electrical Drive Control Systems	AEER EUR-ACE®	2011-2016
34.	200100	SCD	Stabilization and NavigationSystems	AEER EUR-ACE®	2011-2016
35.	130500	FCD	Petroleum Engineering	AEER EUR-ACE®	2011-2016
36.	130500	SCD	Geologic-geophysical Problems of Oil and Gas Field Development	AEER EUR-ACE®	2011-2016
37.	140801	INT	Electronics and Automated Physical Installations	AEER EUR-ACE®	2012-2017
38.	240501	INT	Chemical Technology of Modern Power Engineering Materials	AEER EUR-ACE®	2012-2017
39.	140404	INT	Nuclear Power Plants and Installations	AEER EUR-ACE®	2012-2017
40.	200100	SCD	Devices and Methods of Quality Control and Diagnostics	AEER EUR-ACE®	2012-2017
41.	200100	FCD	Measurement Devices and Technologies	AEER EUR-ACE®	2012-2017
42.	200100	FCD	Equipment Engineering	AEER EUR-ACE®	2012-2017
43.	200100	FCD	Devices and Methods of Quality Control and Diagnostics	AEER EUR-ACE®	2012-2017
44.	200100	SCD	Measurement Devices and Technologies of Nondestructive Testing	AEER EUR-ACE®	2012-2017
45.	240100	FCD	Chemical Engineering of Natural Power Supplies and Carbon-base Materials	AEER EUR-ACE®	2012-2017
46.	240100	FCD	Chemical Technology of Organic Substances	AEER EUR-ACE®	2012-2017
47.	240100	FCD	Chemical Technology of Inorganic Substances	AEER EUR-ACE®	2012-2017
48.	240100	FCD	Polymer Processing Technology	AEER EUR-ACE®	2012-2017
49.	240100	FCD	Technology of Refractory Non-Metal and Silicate Materials	AEER EUR-ACE®	2012-2017
50.	240100	SCD	Chemical Engineering of Refractory Non-Metal and Silicate Materials	AEER EUR-ACE®	2012-2017
51.	150100	SCD	Science and Technology of Nanomaterials and Coatings	AEER EUR-ACE®	2012-2017

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					Accreditation
	Program Code	Qualification	Program Name	Certificate	Period
52.	200400	FCD	Opto-Electronic Equipment and Systems	AEER EUR-ACE®	2012-2017
53.	022000	FCD	Geoecology	AEER EUR-ACE®	2012-2017
54.	201000	FCD	Biotechnical and Medical Devices and Systems	AEER EUR-ACE®	2012-2017
	National Resea	arch Universi	ty «Belgorod State University»		
1.	210400	FCD	Telecommunications	AEER EUR-ACE®	2012-2017
2.	210406	INT	Communication Networks and Switching Systems	AEER EUR-ACE®	2012-2017
3.	210602	INT	Nanomaterials	AEER EUR-ACE®	2012-2017
	National Univ	ersity of Scier	nce and Technology «MISIS»		
1.	150101	INT	Metallurgy of Ferrous Metals	AEER	2004-2009
2.	150105	INT	Metal Science and Thermal Treatment of Metals	AEER	2004-2009
3.	150601	INT	Science and Technology of New Materials	AEER	2004-2009
4.	150400	FCD	Metallurgy of Ferrous Metals	AEER EUR-ACE®	2011-2016
5.	150400	FCD	Physical Metallurgy of Non-Ferrous, Rare-Earth and Precious Metals	AEER EUR-ACE®	2011-2016
6.	150400	FCD	Functional Materials and Coatings	AEER EUR-ACE®	2011-2016
7.	150400	FCD	Metal Forming	AEER EUR-ACE®	2011-2016
8.	011200	FCD	Physics of Condensed Matter	AEER EUR-ACE®	2012-2017
9.	150100	FCD	Materials Science and Engineering of Functional Materials for Nanoelectronics	AEER EUR-ACE®	2012-2017
10.	150400	FCD	Metallurgy of Non-ferrous, Rare and Precious Metals	AEER EUR-ACE®	2012-2017
11.	151000	FCD	Metallurgical Machines and Equipment	AEER EUR-ACE®	2012-2017
12.	210100	FCD	Semiconductor Devices for Micro- and Nanoelectronics	AEER EUR-ACE®	2012-2017
13.	210100	FCD	Materials and Technologies of Magnetoelectronics	AEER EUR-ACE®	2012-2017
14.	210100	FCD	Micro- and Nanotechnology Processes	AEER EUR-ACE®	2012-2017
15.	220700	FCD	Automated Systems in Manufacturing	AEER EUR-ACE®	2012-2017
16.	230100	FCD	Automated Systems	AEER EUR-ACE®	2012-2017
	Novosibirsk St	ate Technical	University		
1.	150501	INT	Materials Science in Mechanical Engineering	AEER EUR-ACE®	2012-2017
	Peoples' Frien	dship Univers	sity of Russia		
1.	270100	SCD	Structural Theory and Engineering	AEER EUR-ACE®	201 3-2018
2.	270100	SCD	River and Underground Hydraulic Engineering Works	AEER EUR-ACE®	201 3-2018
3.	270100	SCD	Theory and Practice of Organizational, Technical and Economic Decisions in Building and Construction	AEER EUR-ACE®	201 3-2018
4.	141100	SCD	Internal Combustion Engines	AEER EUR-ACE®	201 3-2018
5.	141100	SCD	Steam- and Gas Turbine Plants and Engines	AEER EUR-ACE®	201 3-2018
	Samara State A	Aerospace Un	iversity		
1.	160301	INT	Aircraft Engines and Power Plants	аиор Eur-Ace®	2008-2013
2.	160802	INT	Spasecraft and Rocket Boosters	АИОР EUR-ACE®	2008-2013
	Saint Petersbu	rg Electrotecl	hnical University "LETI"		
1.	220200	FCD	Automation and Control	AEER	2003-2008
2.	210100	FCD	Electronics and Microelectronics	AEER	2003-2008
3.	230100	FCD	Computer Science	AEER	2003-2008
4.	200300	FCD	Biomedical Engineering	AEER	2003-2008

	Program Code	Qualification	Program Name	Certificate	Accreditation Period			
	Siberian State	Aerospace U	niversity					
1.	220100	FCD	System Analysis and Control	AEER EUR-ACE®	2011-2016			
2.	230100	FCD	Computer Science and Computer Facilities	AEER EUR-ACE®	2011-2016			
	Siberian Feder	al University						
	210200	SCD	Microwave Equipment and Antennas	AEER EUR-ACE®	2010-2015			
2.	230100	SCD	High-Performance Computing Systems	AEER EUR-ACE®	2010-2015			
		Stary Oskol Technological Institute named after A.A. Ugarov (branch of National University of Science and Technology «MISIS»)						
	150400	FCD	Metallurgy of Ferrous Metals	AEER EUR-ACE®	201 2-2015			
			ology of Southern Federal University					
	210100	FCD	Electronics and Microelectronics	AEER	2003-2008			
	230100	FCD	Computer Science	AEER	2003-2008			
3.	230100	FCD	Computer Science	AEER EUR-ACE®	2010-2015			
ŀ.	220200	FCD	Automation and Control	AEER EUR-ACE®	2010-2015			
5.	210100	FCD	Electronics and Microelectronics	AEER EUR-ACE®	2012-2017			
ō.	200100	FCD	Equipment Engineering	AEER EUR-ACE®	2012-2017			
	Tambov State	Fechnical Un						
	210201	INT	Design and Technology of Radioelectronic Devices	AEER	2006-2011			
2.	140211 Togliatty State	INT University	Electrical Supply	AEER	2006-2011			
	140211	INT	Electrical Supply	AEER EUR-ACE®	2009-2014			
2.	150202	INT	Industrial Welding Technology and Equipment	AEER EUR-ACE®	2009-2014			
3.	151002	INT	MechanicalEngineeringTechnology	AEER EUR-ACE®	2009-2014			
	Tomsk State U	niversity of C	ontrol Systems and Radio Electronics					
	210100	FCD	Electronics and nanoelectronics	AEER EUR-ACE®	2013-2018			
2.	222000	FCD	Innovation	AEER EUR-ACE®	2013-2018			
	Trekhgorny Te	chnological I	nstitute					
	230101	INT	Computers, Systems and Networks	AEER	2004-2007			
	Tyumen State	Uil and Gas U						
	130501	INT	Design, Construction and Operation of Gas and Oil Pipelines and Storage Facilities	AEER	2006-2011			
2.	130503	INT	Development and Exploitation of Oil and Gas Fields	AEER	2006-2011			
3.	130504	INT	Oil and Gas Drilling	AEER	2006-2011			
ŀ.	190601	INT	Automobiles and Transportation Facilities	AEER	2007-2012			
5.	190603	INT	Transport and technological machinery and equipment service (oil and gas production)	AEER	2007-2012			
ō.	190701	INT	Transportation organization and transport management (automobile transport)	AEER	2007-2012			
7.	130602	INT	Oil and Gas Fields Machinery and Equipment	AEER EUR-ACE®	2008-2013			
3.	150202	INT	Industrial Welding Technology and Equipment	AEER EUR-ACE®	2008-2011			
).	190205	INT	Lifting, Transportation Means and Road Machines	AEER EUR-ACE®	2008-2013			
10.	240401	INT	Chemical Technology of Organic Substances	AEER EUR-ACE®	2009-2014			
11.	240403	INT	Chemical Engineering of Natural Power Supplies and Carbon-base Materials	AEER EUR-ACE®	2009-2014			

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	Program Code	Qualification	Program Name	Certificate	Accreditation Period		
12.	240801	INT	Machines and Apparatus of Chemical Production	AEER EUR-ACE®	2009-2014		
13.	280201	INT	Environmental control and rational use of natural resources	AEER EUR-ACE®	2010-2015		
14.	280102	INT	Safety of technological processes and productions	AEER EUR-ACE®	2010-2015		
15.	120302	INT	Landcadastre	AEER EUR-ACE®	2010-2015		
	Tyumen State University of Architecture and Civil Engineering						
1.	270800	SCD	Water Supply and Sanitation	AEER EUR-ACE®	2013-2018		
2.	270800	SCD	Industrial and Civil Construction	AEER EUR-ACE®	2013-2018		
3.	280700	SCD	Safety of Technological Processes and Production	AEER EUR-ACE®	2013-2018		
	Ural State For	est Engineerir	ng University	•			
1.	270205	INT	Automobile Roads and Aerodromes	AEER	2006-2011		
	Ural State Tec	hnical Univer	sitv				
1.	240302	INT	Technology of Electrochemical Productions	AEER EUR-ACE®	2008-2013		
	Ufa State Avia	tion Technica	I University				
1.	280200	FCD	Environment Protection	AEER	2005-2010		
2.	230100	FCD	Computer Science	AEER	2005-2010		
3.	150501	INT	Material Science in Mechanical Engineering	AEER	2005-2010		
3 4.	280200	SCD	Environment Protection	AEER	2003-2010		
		<u> </u>		EUR-ACE®			
	Uta State Petro	pleum lechno	ological University				
1.	130504	INT	Oil and Gas Drilling	AEER EUR-ACE®	2007-2012		
2.	130603	INT	Oil and Gas Processing Equipment	AEER EUR-ACE®	2007-2012		
3.	150400	FCD	Processing Machinery and Equipment	AEER EUR-ACE®	2007-2012		
4.	240100	FCD	Chemical Engineering and Biotechnology	AEER EUR-ACE®	2008-2013		
5.	240403	INT	Chemical Engineering of Natural Power Supplies and Carbon-base Materials	AEER EUR-ACE®	2008-2013		
6.	130602	INT	Oil and Gas Fields Machinery and Equipment	AEER EUR-ACE®	2008-2013		
7.	130501	INT	Design, Construction and Operation of Gas and Oil Pipelines and Storage Facilities	AEER EUR-ACE®	2009-2014		
8.	551830	SCD	Equipment Design Theory for Oil and Gas Processing, Petrochemical and Chemical Production	AEER EUR-ACE®	2010-2015		
9.	551831	SCD	Technological Systems and Equipment Reliability	AEER EUR-ACE®	2010-2015		
10.	550809	SCD	Chemical Engineering of Fuel and Gas	AEER EUR-ACE®	2010-2015		
11.	270100	FCD	Building Construction	AEER EUR-ACE®	2011-2016		
12.	550109	SCD	Building Construction	AEER EUR-ACE®	2011-2016		
13.	131000	FCD	Petroleum Engineering	AEER EUR-ACE®	2013-2018		
14.	151000	FCD	Production Machines and Equipment	AEER EUR-ACE®	2013-2018		
	Vladimir State	Universityna	med after Alexander and Nikolay Stoletovs				
1.	150900	FCD	Technology, Equipment and Automation of Mechanical Engineering Productions	AEER EUR-ACE®	2012-2017		
2.	230100	FCD	Computer Science	AEER	2012-2017		

List of Accredited Programs, Republic of Kazakhstan (as of 31.12.2013)

	Program Code	Qualification	Program Name	Certificate	Accreditation Period		
	D. Serikb	ayev East Ka	zakhstan State Technical University (Ust-Kamenogors	k, Republic of Kazal	khstan)		
1.	050703	FCD	Information Systems	AEER / EUR-ACE®	2011-2016		
2.	050713	FCD	Transport, Transport Facilities and Technology	AEER / EUR-ACE®	2011-2016		
	L.N. Gun	nilyov Eurasi	an National University (Astana, Republic of Kazakhsta	an)			
1.	050702	FCD	Automation and Control	AEER / EUR-ACE®	2011-2016		
2.	050732	FCD	Standardization, Metrology and Certification	AEER / EUR-ACE®	2011-2016		
3.	050901	FCD	Organization of Transportation, Traffic and Operation	AEER / EUR-ACE®	2011-2016		
4.	бN0702	SCD	Automation and Control	AEER / EUR-ACE®	2011-2016		
5.	бN0732	SCD	Standardization, Metrology and Certification	AEER / EUR-ACE®	2011-2016		
6.	б N0901	SCD	Organization of Transportation, Traffic and Operation	AEER / EUR-ACE®	2011-2016		
	Innovativ	e University	of Eurasia (Pavlodar, Republic of Kazakhstan)		~		
1.	050701	FCD	Biotechnology	AEER / EUR-ACE®	2010-2015		
2.	050718	FCD	Electrical Power Engineering	AEER / EUR-ACE®	2010-2015		
	Kazakh N	ational Tech	nnical University named after K.I. Satpaev (Almaty, Re	epublic of Kazakhsta	in)		
1.	050704	FCD	Computer Science and Software	AEER / EUR-ACE®	2010-2015		
2.	050711	FCD	Geodesy and Cartography	AEER / EUR-ACE®	2010-2015		
3.	050712	FCD	Mechanical Engineering	AEER / EUR-ACE®	2010-2015		
4.	050718	FCD	Electrical Power Engineering	AEER / EUR-ACE®	2010-2015		
5.	050723	FCD	Technical Physics	AEER / EUR-ACE®	2010-2013		
6.	050713	FCD	Transport, Transport Facilities and Technology	AEER / EUR-ACE®	2011-2016		
7.	050716	FCD	Instrumentation Engineering	AEER / EUR-ACE®	2011-2016		
8.	05071 9	FCD	Radio Engineering, Electronics and Telecommunications	AEER / EUR-ACE®	2011-2016		
9.	050720	FCD	Chemical Technology of Inorganic Substances	AEER / EUR-ACE®	2011-2016		
10.	050721	FCD	Chemical Technology of Organic Substances	AEER / EUR-ACE®	2011-2016		
11.	050722	FCD	Printing	AEER / EUR-ACE®	2011-2016		
12.	050724	FCD	Processing Machinery and Equipment	AEER / EUR-ACE®	2011-2016		
13.	050729	FCD	Construction	AEER / EUR-ACE®	2011-2016		
14.	050731	FCD	Life Safety and Environmental Protection	AEER / EUR-ACE®	2011-2016		
15.	050732	FCD	Standardization, Metrology and Certification	AEER / EUR-ACE®	2011-2016		
	Karagand	la State Tech	nical University (Karaganda, Republic of Kazakhstan)	1			
1.	050702	FCD	Automation and Control	AEER / EUR-ACE®	2010-2015		
2.	050707	FCD	Mining Engineering	AEER / EUR-ACE®	2010-2015		
3.	050709	FCD	Metallurgy	AEER / EUR-ACE®	2010-2015		
4.	050712	FCD	Mechanical Engineering	AEER / EUR-ACE®	2010-2015		
5.	050713	FCD	Transport, Transport Facilities and Technology	AEER / EUR-ACE®	2010-2015		
	Kostanay	Engineering	and Pedagogical University (Kostanay, Republic of Ka	1	1		
1.	050713	FCD	Transport, Transport Equipment and Technology	AEER / EUR-ACE®	2011-2016		
2.	050732	FCD	Standardization, Metrology and Certification	AEER / EUR-ACE®	2011-2016		
	Semey State University named after Shakarim(Semey, Republic of Kazakhstan)						
1.	050727	FCD	Food Technology	AEER / EUR-ACE®	2010-2015		
2.	050724	FCD	Processing Machinery and Equipment	AEER / EUR-ACE®	2010-2015		