	I							6 . Fi						Yea	ır 1	Yea	r 2	Ye	ar 3	Ye	ar 4		
Name			Form Pass/fai	of assessn	nent		Calculat	Credits		Total a	cademic h	ours	1	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8		Assigned department
	Examin ation	Pass/fail test	l exam with a	Term project	Course work	Module test	ion and graphic	Fact	As sheduled	Work with a teacher	Class- room	Self-study	Control	Credits	Code	Name							
Unit 1. Disciplines (modules)			grade				work	213	7668	3456.75	2998	3063.75	1147.5	29	28	27	27	27	27	26	22		l
Core part								148	5328	2457.95	2112	2019.55	850.5	29	28	27	23	19	18	4			
Socio-humanitarian module History (history of Russia, general history)	135 1	2266	1					21 4	756 144	331.5 48.25	240 30	305.25 53	119.25 42.75	6	4	4		3	4			71	Department of History
Philosophy	3							4	144	48.25	30	53	42.75			4						72	Department of Philosophy and Culturology
Economics	5							3	108	48.25	30	26	33.75					3				54	Department of Economic theory and instrumental methods Department of Social sciences, pedagogy
Law Basics of sociocultural communication		6 22	1					2	72 216	32.15 110.45	30 90	39.85 105.55		2	4				2			73	and law
Social science			1					2	72	46.15	30	25.85		2								73	Department of Social sciences, pedagogy and law
Culturology and intercultural communications		2						2	72	32.15	30	39.85			2							72	Department of Philosophy and Culturology Department of Social sciences, pedagogy
Psychology of communications Economy and management in an enterprise		2						2	72	32.15 44.15	30 30	39.85 27.85			2				2			73 52	Department of Management
Module "Basics of business communications" Russian language and culture of speech		113 1	24					10	360 72	216.75 32.15	206 30	143.25 39.85		4	2	2	2						Department of Russian language
Foreign language		13	24					8	288	184.6	176	103.4		2	2	2	2						Department of Russian language Department of Foreign languages
Module "Physical education and sport" Basics of PE		16 1						2	72 36	32.3 16.15	32 16	39.7 19.85		1					1			56	Department of Physical education
Physical self-perfection	11222	6				11222		1	36	16.15	16	19.85		12	15				1			56	Department of Physical education
Physics and mathematics module Informatics	334	11234				33		45 6	1620 216	716.85 96.4	632 90	570.15 76.85	333 42.75	12	15	11	7					13	Department of Applied mathematics and
п		3						3	108	46.15	44	61.85				3						13	information technologies Department of Applied mathematics and information technologies
Physics Chemistry	3	2				23		8	288 144	127	120 60	118.25 36.7	42.75	4	3	5							Department of Physics Department of Chemistry
Mathematics	1223	1				1223		17	612	272.35	226	177.65	162	6	8	3						55	
Algebra and geometry	1		<u> </u>	$\left - \right $		1		4	144	62.55	44	38.7	42.75	4	-							13	Department of Applied mathematics and information technologies Department of Applied mathematics and
Mathematics analysis Numerical methods	2	1		$\left \right $		22	\vdash	7	252 108	109 50.25	90 46	100.25 15	42.75 42.75	2	5							13 13	information technologies Department of Applied mathematics and
Probability theory and mathematical statistics	3					3		3	108	50.55	46	23.7	33.75			3						13	information technologies Department of Applied mathematics and information technologies
Methods of scientific research	4							4	144	62.25	46	39	42.75				4					32	Department of Production equipment engineering
Mathematical modelling		4	<u> </u>	\square			-	3	108	48.15	46	59.85					3					13	Department of Applied mathematics and information technologies
Module "Safe living environment"	7	5						6	216	110.4	90	62.85	42.75					2		4			Department of Water bioresources and
Ecology and environmental management Life safety	7	5		$\left - \right $				2	72	46.15 64.25	30 60	25.85 37	42.75					2		4		44 42	aquaculture Department of Technosphere safety and
General professional module		113345 56	1	5	24		12334	4 52	144 1872	64.25 851.35	50 732	3/ 732.65	42.75 288	6	7	8	10	14	7	-		72	environmental management
Professional basics	550	50	1				3	2	72	44.15	30	27.85		2								32	Department of Production equipment engineering
Engineering and computer graphic	2	1					12	5	180	82.4	74	63.85	33.75	2	3							32	Department of Production equipment engineering
Material science	2 3445	1 3		5	2		334	6 18	216 648	99.4 297.15	90 268	82.85 215.85	33.75 135	2	4	6	7	5				32	Department of Production equipment engineering
Mechanical engineering Theoretical mechanics	3445	3		5	*		3	4	144	65.25	60	45	33.75			4	/	3				24	Department of Theory of machines and mechanisms and machine parts
Material resistance	4	3					34	5	180	82.4	74	63.85	33.75			2	3						Department of Shipbuilding Department of Theory of machines and
Theory of machines and mechanisms Machine details and principles of design	4			5	4			4	144 180	67.25 82.25	60 74	43 64	33.75 33.75				4	5				24 24	mechanisms and machine parts Department of Theory of machines and
Thermal physics	2	3		5				2	72	32.15	30	39.85	33.75			2		3				32	mechanisms and machine parts Department of Production equipment
Tribology		4						3	108	44.15	30	63.85					3					24	engineering Department of Theory of machines and mechanisms and machine parts
Hydraulics		5					5	3	108	49.15	46	58.85						3				42	Department of Technosphere safety and environmental management
Technical measurements Electronics and electrical engineering	5	5						2	72 144	32.15 64.25	30 60	39.85 37	42.75					2				52 11	Department of Management Department of Production processes
Metrology, standardization and certification	6							4	144	62.25	44	39	42.75						4			32	automation Department of Production equipment engineering
Basics of design		6						3	108	44.15	30	63.85							3			24	Department of Theory of machines and mechanisms and machine parts
Professional module Structural materials technology	46	36 3			46			12 6	432 216	198.8 99.4	180 90	165.7 82.85	67.5 33.75			2	4		6			32	Department of Production equipment
Technical systems and processes control	6	3			4			4	144	67.25	90 60	43	33.75			2	4		4			32	engineering Department of Production equipment
Pick and load devices		6						2	72	32.15	30	39.85							2			24	engineering Department of Theory of machines and mechanisms and machine parts
Part formed by the educational process participants	56677			6770	-			65	2340	998.8	886	1044.2	297				4	8	9	22	22		
Professional module (B) Shaping processes and tools	8 5	5677		6778	5			37	1332 180	587.1 81.25	534 74	524.4 65	220.5 33.75					8	9	15	5	32	Department of Production equipment
Technological equipment and tooling	6	5		6	-			7	252	116.4	106	101.85	33.75					3	4			32	engineering Department of Production equipment engineering
Technological preparation of machinebuilding production	6							3	108	50.25	46	24	33.75						3			32	Department of Production equipment engineering
Machinebuilding production design	7			7				5	180	68.25	60	78	33.75							5		32	Department of Production equipment engineering
Machinebuilding production waste treatment		7						3	108	46.15	44	61.85								3		32	Department of Production equipment engineering Department of Production equipment
Machinebuilding technology	7	6	<u> </u>	7				7	252	114.4	104	94.85	42.75						2	5	-	32	Department of Production equipment engineering Department of Production equipment
Production processes automation in machinebuilding Elective courses	8	7	L	8			\vdash	7 2	252 72	110.4 32.15	100 30	98.85 39.85	42.75		L		2			2	5	32	engineering
Corporate culture in professional activities		4						2	72	32.15	30	39.85					2					72	Department of Philosophy and Culturology
Professional ethics		4			-			2	72	32.15	30	39.85					2					72	Department of Philosophy and Culturology
Elective courses Intellectual property in professional activities		7 7		\vdash			\vdash	2	72 72	32.15 32.15	30 30	39.85 39.85								2		73	Department of Social sciences, pedagogy
Legal regulation of labor relations in a professional sphere		7		$\left - \right $			-	2	72	32.15	30 30	39.85								2		73	and law Department of Social sciences, pedagogy
Elective courses		4						2	72	32.15	30	39.85					2			-			and law
Design-technological software		4		\square				2	72	32.15	30	39.85					2					32	Department of Production equipment engineering
Information systems in machinebuilding		4	<u> </u>	$ \parallel$				2	72	32.15	30	39.85	<u> </u>				2					32	Department of Production equipment engineering
Elective modules Elective module 1. Automated machinebuilding	88 88	77888 77888		8 8			$\left - \right $	22 22	792 792	315.25 315.25	262 262	400.25 400.25	76.5 76.5							5	17		<u> </u>
technologies Programming machine tools with numerical control	0	7						3	108	46.15	30	61.85	.0.5							3	17	32	Department of Production equipment
Promising technologies of automated machinebuilding	8	7		8			-	7	252	82.4	64	126.85	42.75							2	5	32	engineering Department of Production equipment
Technologies and equipment for blank production	-	8		-				3	108	44.15	34	63.85								-	3	32	engineering Department of Production equipment
Technologies and equipment of assembly production	8							5	180	70.25	66	76	33.75								5	32	engineering Department of Production equipment engineering
Parts forming technology		8						2	72	36.15	34	35.85									2	32	Department of Production equipment engineering
Welding in machinebuilding		8	<u> </u>	$ \parallel$				2	72	36.15	34	35.85									2	32	Department of Production equipment engineering
Elective module 2. Renovation in machinebuilding	88	77888		8				22	792	315.25	262	400.25	76.5							5	17		Department of Production equipment
Promising technologies and renovation economy in machinebuilding Technologies for renovation of means and objects of materia		7					$\left - \right $	3	108	46.15	30	61.85	42.75							3	5	32	Department of Production equipment Department of Production equipment
production in mechanical engineering Renovation technologies using non-metal materials	8	7		8			-	7	252 108	82.4 44.15	64 34	126.85 63.85	42.75							2	5	32 32	engineering Department of Production equipment
Physico-technical treatment methods in machinebuilding	8	-		$\left - \right $				5	108	70.25	66	76	33.75								5	32	engineering Department of Production equipment
Control and diagnostics of renovation objects	-	8		$\left - \right $				2	72	36.15	34	35.85									2	32	engineering Department of Production equipment
Renovation production organization		8	L		_			2	72	36.15	34	35.85									2	32	engineering Department of Production equipment engineering
Unit 2.Practical training Core part			-					21 21	756 756	756 756					3		6 6		6		6		
Core part Academic training			2					21 3	756 108	/56 108					3		U		U		U		

Introductory practice			2					3	108	108				3					32	Department of Production equipment engineering
On-the-job training		8	468					18	648	648					6	6		6		
Technological practice			46					12	432	432					6	6			32	Department of Production equipment engineering
Research work		8						3	108	108								3	32	Department of Production equipment engineering
Pregraduation practice			8					3	108	108								3	32	Department of Production equipment engineering
Unit 3.State final examination							6	216				216					6			
Preparation for the defense procedure and defense of the final qualification work								6	216				216					6	32	Department of Production equipment engineering
Extracurricular disciplines								8	288	126.6	126	161.4		2		2	2	2		
Information-bibliographic culture		2						2	72	16.15	16	55.85		2						
Research seminar		6						2	72	30.15	30	41.85				2				
Practice-oriented course "Internet of things"		7	8					4	144	80.3	80	63.7					2	2		
Elective disciplines (modules) in Physical education and sport									330	330	330									
Module"Physical education and sport" (B)		246							330	330	330									
Practical training in PE and sport (elective course)		246							330	330	330								56	Department of Physical education