APPROVED

Charrier of the Management Board-Rector of April, named after K. Satpayev M.M. Begentaev 2023, v.



CURRICULUM

of Educational Program on enrollment for 2023-2024 academic

Educational program 8D07111 - "Digitalization of machine-building production Group of Educational programs D103 - "Mechanics and metalworking"

Discipline code	Form of study: full-time  Name of disciplines	Cycle	Total amount in credits	Total hours	Classroom	SIS (including TSIS) in hours	Form of control	Allocation of face-to-face training based on courses and semesters					
					amount lec/lab/pr			I course		2 course			7 17 17
								1 semester	2 semester	3 semester	4 semester	5 semester	6 semeste
CYCLEO	F BASIC DISCIPLINES (BD)				1 2 2 2						NOT COME		
		N	M-1. Techn	ical tra	ining modul	le (universit	y compone	ent)					
MET322	Scientific research methods	BD UC	5	150	2/0/1	105	Е	5					
NG305	Academic writing	BD UC	5	150	0/0/3	105	Е	5					
				C	omponent o	f choice					_		
MSM307	Virtual production	BD CCH	5	150	2/0/1	105	Е	5					_ w *s
MSM306	Advanced Digital factory	BD CCII		150	2/0/1	103							
CYCLE O	F PROFILE DISCIPLINES (PD)												-
		N	M-2. Digita	I Engin	eering Mod	ule (compoi	ient of cho	ice)					
IND319	Advanced optimization	PD CCH	5	150	2/0/1	105	Е	5					60
IND311	Advanced production systems												
IND317	Advanced design of industrial experiments	PD CCH	5	150	2/0/1	105	Е	5					
IND321	Advanced solution analysis	rbccn	,	150	2/0/1	103							
				M-3. F	ractice-orie	nted modu	le						
AAP350	Pedagogical practice	BD UC	10		T	I		1	10				
AAP355	Research practice	PD UC	10	Telegran						10			
		a contract of the	N	I-4. Exp	erimental r	esearch mo	dule	1,000					
	Research work of a doctoral candidate.		5					5					
AAP336	including internships and completion of a	RWDS											
	doctoral dissertation	UC											
	Research work of a doctoral candidate,	DILIDO	40						20	20			
AAP347	including internships and completion of a	RWDS UC											
	doctoral dissertation	UC											
	Research work of a doctoral candidate,	DUIDG							100 M				
AAP356	including internships and completion of a	RWDS	60								30	30	
	doctoral dissertation	UC							_ ^				
1000	Research work of a doctoral candidate,							100			0.08.00	1 200	
AAP348	including internships and completion of a	RWDS	18										18
	doctoral dissertation	UC											
	1		-	M-5. N	Iodule of fir	al attestati	on						
ECA303	Writing and defending a doctoral dissertation	FA	12					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					12
	Total based on UNIVERSITY:				7 7 7 7 7			30	30	30	30	30	
	NAME OF STREET OF STREET								50		60		60

	Number of credits for the entire peri	od of st	tudy				
	Cycles of disciplines	Credits					
Cycle code			university component (UC)	component of choice (CCH)	Total		
BD	Cycle of basic disciplines		20	5	25		
PD	Cycle of profile disciplines		10	10	20		
	Total for theoretical training:	0	30	15	45		
	RWDS				123		
FA	Final attestation	12	7.5		12		
	TOTAL:	12	30	15	180		

Decision of the Academic Council of Kazntu named after K.Satpayev. Protocol No. 3 or "14" 10 20 24y.

Decision of the Educational and Methodological Council of Kazntu named after K.Satpayev. Protocol No. 20 or " M " 10 20 24.

Decision of the Academic Council of the Institute E&ME. Protocol No 20 1/1 10 20 14.

Vice-Rector for Academic Affairs

B. A. Zhautikov

E&ME Institute Director

K.Yelemesso

ME Department Head

E.Nugman

Representative of the Council for EP from Employers

M.Azimbekov