

14. Theoretical training:

№	Code of disciplines	Name of disciplines	Number of academic credits - ECTS	Grade		
				letter equivalence	numeric equivalence	traditional equivalence
1	2	3	4	5	6	7
1	MAT1063	Classical boundary value problems and numerical approaches. MatLab	5	A	4	5
2	AAP118	Physical education II	0	A	4	5
3	GEN1043	Strength of materials	5	A	4	5
4	FK	Physical training	0	A	4	5
5	FK	Physical training	0	A	4	5
6	TPM2210	Theoretical and applied mechanics	5	A	4	5
7	Mat3 1205	Mathematics III	5	A	4	5
8	Mat 2 1204	Mathematics II	5	A	4	5
9	Mat 1202	Mathematics I	5	A	4	5
10	KG2302	Engineering and computer graphics	5	A	4	5
11	GEN1252	Basics of designing and details of cars	5	A	4	5
12	GEN1553	Numerical Methods for Solving Engineering Problems	5	A	4	5
13	GEN1683	Engineering Thermodynamics	5	A	4	5
14	GEN1193	Mechanics of liquid and gas	5	A	4	5
15	ISO1653	Test and Measurement, Measurements and Statistics	5	A	4	5
16	GEN1672	Statistical Mechanics	5	A	4	5
17	GEN1603	Finite Elements in Engineering	5	A-	3.67	5
18	GEN1663	Designing of Mechanical Systems	5	A-	3.67	5
19	GEN1562	Computer-Aided Engineering (CAE)	5	A-	3.67	5
20	GEN1702	Solid mechanics	5	A-	3.67	5
21	MCH4243	Structural materials and heat treatments	3	A-	3.67	5
22	MCH1723	Processes of machine-building production	5	A-	3.67	5
23	GEN1072	Machine graphics	4	A-	3.67	5
24	ROB1903	Vibration of Mechanical Systems	5	A-	3.67	5
25	ELC1863	Electrotechnics	5	A-	3.67	5
26	OV2211	Basics of interchangeability	5	A-	3.67	5
27	Fiz II	Physics II	5	A-	3.67	5
28	FK	Physical training	0	A-	3.67	5
29	LNG1057	Professional English (level B2+)	5	A-	3.67	5
30	NG 1205	Descriptive geometry	5	B	3	4
31	K(R)Ya 1102.2	Advanced Kazakh (Russian) language (level B2)	3	B	3	4
32	HUM1241	Philosophy	5	B	3	4
33	DU2206	Differential equations of Mat. Lab	5	B	3	4
34	Eng 1102	General English (level A2)	5	B	3	4
35	MNG1023	Financial analysis and project appraisal	5	B	3	4
36	PHY1782	Computational Physics	5	B-	2.67	4
37	MCH4493	Automation of design and technological design	5	B-	2.67	4
38	Eng1103	Academic English 2 (level B1)	5	B-	2.67	4
39	Him1200	Chemistry	5	B-	2.67	4
40	Fiz1202	Physics I	5	B+	3.33	4
41	MKM 2303	Materials Science and construction materials	5	B+	3.33	4
42	CSE1743	Information and communication technology	5	B+	3.33	4
43	Eng1104	Business English (Level B2)	5	B+	3.33	4
44	K(R)Ya 1102.1	Academic Kazakh (Russian) language (level B1)	3	B+	3.33	4
45	GEN1202	Theory and design of mechanisms and machines	5	B+	3.33	4
46	ISO1613	Design and production	5	B+	3.33	4
47	GEN1173	Basics of Heat Transfer	5	B+	3.33	4
48	ISO1633	Mechanical characteristics of engineering materials	5	B+	3.33	4

15. Total number of academic credits - ECTS on theoretical training 21316. By the Decision of the State Attestation Commission and (or) Attestation Commission (Minutes No. 12May of « 31 » 20)

was awarded

Bachelor of engineering and technology
 on the specialty and (or) educational program SB071200 Mechanical engineering



Қ.И. Сәтбаев атындағы Қазақ ұлттық техникалық зерттеу университеті
(жоғары оқу орнының толық атауы)

Мемлекеттік аттестаттау және (немесе) Аттестаттау комиссиясының **2020** жылғы «**31**» мамыр шешімімен (№ **12** хаттама) **Арыстанбеков Чингиз Маратовичке**

5B071200-Машина жасау
(тегі, ітты, өкесінің ітты (ол болған жағдайда))
(мамандықтың және (немесе) білім беру бағдарламасының коды және атауы)

мамандығы және (немесе) білім беру бағдарламасы бойынша **техника және технологиялар**

БАКАЛАВРЫ
дәрежесі берілді

Оқыту нысаны **Күндізгі оқу түрі**
(түр, яғни, немесе сырттай немесе кешкі)

Мемлекеттік аттестаттау және (немесе) Аттестаттау комиссиясының төрағасы

Ректор
Таншы

М.О.

2020 жылғы «**30**» маусым

Алматы

ЖБ - Б № **1653424**

Тіркеу нөмірі **257**

Тынымбаев С.Т.
Бейсембетов И.К.
Базарбай Б.Б.



Решением Государственной аттестационной и (или) Аттестационной комиссии

Казахский национальный исследовательский технический университет имени К.И. Сатпаева
(полное наименование высшего учебного заведения)

«**31**» мая **2020** года (протокол № **12**)
Арыстанбекову Чингизу Маратовичу
(фамилия, имя, отчество (при его наличии))

присуждена степень **БАКАЛАВР**

техники и технологий

специальности и (или) образовательной программе **5B071200-Машиностроение**

(код и наименование специальности и (или) образовательной программы)

форма обучения **Очная форма обучения**
(очное или заочное или вечернее)

the Decision of the State Attestation Commission and (or) Attestation Commission **Kazakh National Research Technical University named after K.I. Satbayev**

Arystanbekov Chingis
(graduate's full name)

was

awarded the degree of **BACHELOR**
engineering and technology

the specialty and (or) educational program **5B071200-mechanical engineering**

(code and name of the specialty and (or) educational program)

Form of training **Full time**

Date «**31**» May **2020** (full or part-time)

ЖБ - Б № **1653424**
«**30**» июня **2020** года г. **Алматы**

1. Last Name Arystanbekov
2. First Name, Patronymic (if any) Chingis
3. Date of birth 4 May 1999
4. Previous educational background Certificate, ЖОБ № 0981506,
(type, number of document, date of issue)
17 June 2016
5. Entrance Examinations Certificate, АІ №3007596,
(type, number of document, date of issue)
6. Enrolled Kazakh National Research Technical University named after K.I. Satbayev, 2016
(higher education institution, year of enrollment)
7. Graduated Kazakh National Research Technical University named after K.I. Satbayev, 2020
(higher education institution, graduation year)
8. Total number of academic credits earned, ECTS 245
9. Grade point average (GPA) 3.55
10. Professional internship

Internship type	Number of academic credits - ECTS	Grade		
		letter equivalence	numeric equivalence	traditional equivalence
Training practice	2	A-	3.67	5
Production Practice	2	A-	3.67	5
Field Practice	4	A	4	5

11. Final attestation

Name of disciplines in state examination	Number of academic credits - ECTS	Grade		
		letter equivalence	numeric equivalence	traditional equivalence
The modern history of Kazakhstan	3	B+	3.33	4

12. Writing and defense Diploma work (project)
(if diploma project (work), or dissertation)

Theme of diploma project (work) or dissertation	Number of academic credits - ECTS	Grade		
		letter equivalence	numeric equivalence	traditional equivalence
Study of efficient heat exchange between air-to-water heat pump and a heat storage tank; configuration optimization	21	A	4	5

level 6, bachelor

13. Level of compliance with the National Qualification Framework
This diploma entitles its owner to perform professional activities in accordance with the graduate and post graduate education standards of the Republic of Kazakhstan.



Kazakh National
(name of)

Research Technical
(higher education)

University named after
(institution)

K.I. Satbayev

Almaty
(City)

**SUPPLEMENT
TO DIPLOMA
(Transcript)**

№ ЖБ-Б № 1653424

30 June 2020
(date of issue)

257
(registration number)

Rector

Dean of the Faculty

Secretary

Stamp

