N₂		
1	Type of educational program	New EP
2	The group of the educational program	B064 – Mechanics and metalworking
3	Name of the Educational program	«6B07116 – Electronic engineering technologies»
4	License to conduct educational activities with	License no. KZ80LAA00018161 dated 05.05.2020
	indication of the number, date, month and	
	year	
5	The level of the NQF	Bachelor's degree, level 6
6	Accreditation of the educational program	Independent agency for accreditation and rating 31.05.2024-30.05.2029
7	The pass grade on admission	60
8	Combinations of vocation-related subjects of	Mathematics+Physics
	the UNT	
9	Length of apprenticeship:	
	- after school	4 years
	- after college	2-3 years
	- after higher education	2-3 years
10	A prerequisite for obtaining a diploma	It is necessary to master at least 240 credits (ECTS)
11	The language of instruction	Kaz/rus/eng
12	Academic year	trimester (10 weeks each semester)
13	Degree awarded	Bachelor of Engineering and Technology
14	Academic mobility	Yes
15	Learning outcomes	ON-1. Have the ability to self-improvement and self-development, mastering
		new knowledge throughout the active life.

ON-	2. Demonstrate the ability to adapt to constantly changing social, economic
and	other conditions; be mobile and receptive to the improvement of technology
and	technology.
ON-	3. To understand the importance of information and computer technologies
in th	e formation of modern civilization, social and philosophical problems of
tech	nology, the purpose of engineering and technical activities, its moral and
hum	anistic meaning.
ON-	4. Be able to adapt to constantly changing social, economic and other
cond	itions: be mobile and receptive to the improvement of technology.
ON-	5. Know regulatory and guidance materials for the design, development and
exec	ution of technological documentation
ON-	6. Show knowledge of circuit design of analog and digital devices laws of
cont	rol and regulation of automatic systems
ON-	7 To use devices for modeling systems to take time and frequency
char	acteristics of devices in various modes of operation
ON-	8 To determine the basics of electronics manufacturing technology
svst	ems and complexes the possibilities of computer technologies methods and
mea	and complexes, the possionnes of computer technologies, methods and
ON-	9 To configure program and flash microcontrollers and microcomputers
inst	lation and assembly of devices
ON-	10 Be able to develop and design computer networks remote control and
data	acquisition systems diagnostics and non-destructive testing systems
	11 Apply theoretical and practical knowledge to solve educational practical
and	refessional problems of the studied field: know the methods of scientific
	biolossional problems of the studied field, know the methods of scientific
	included and academic writing and apply them in the studied field, understand
the i	inportance of the principles and culture of academic integrity