



**Geology and Oil-gas Business Institute named after K. Turyssov**  
**Department of Chemical and Biochemical Engineering**

**EDUCATIONAL PROGRAM**

**6B07216 Technology of polymer production and processing**

Code and classification of the field of education: **6B07** Engineering

Code and classification of training directions: **6B072** Manufacturing and processing industries

Group of educational programs: : **B069** Production of materials (glass, paper, plastic, wood)

Level based on NQF: 6

Level based on IQF: 6

Study period: 4 years

Amount of credits: 240

**Almaty 2025**

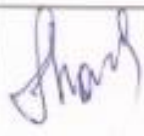





The educational program 6B07216 «Technology of polymer production and processing» was approved at the meeting of the Scientific Council of KazNTU named after K.I.Satpayev

Protocol №10 from «06» 03 2025y

Reviewed and recommended for approval at a meeting of the Educational and Methodological Council of K.I.Satpayev KazNTU

Protocol №3 from «20» 12 2024y

The educational program 6B07216 «Technology of polymer production and processing» was developed by the academic committee in the direction 6B072 «Manufacturing and processing industries»

Name	Academic degree/ academic	Post	Place of work	
<b>Chairman of the Academic Committee:</b>				
Mangazbaeva Rauash Amantaevna	Candidate of Chemical Sciences	Associate Professor	Kazakh National Research Technical University named after K.I.Satpayev	
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<b>Employers</b>				
Omarova Marzhan Ernarovna	-	Director of "Dolce" LLP	Petro Gas Chemical Association,	
<b>Students:</b>				
Usanchikova Alena Andreevna	-	Student	Kazakh National Research Technical University named after K.I.Satpayev	
Kassymbekova Yasmina Dodomuratovna	-	Student	Kazakh National Research Technical University named after K.I.Satpayev	

## General information

№	Field name	Comments
1	Code and classification of the field of education	6B07 Engineering and manufacturing and construction industries
2	Code and classification of training directions	6B072 Manufacturing and processing industries
3	Educational program group	B069 Production of materials (glass, paper, plastic, wood)
4	Educational program name	6B07216 Technology of polymer production and processing
5	Short description of educational program	The educational program Technology of Polymer Production and Processing is aimed at mastering the methods of obtaining and processing polymer materials. The program comprehensively covers the synthesis, structure, and properties of polymers. Students study the technologies for processing plastics and other polymer products. In addition, they develop skills in modeling and effective management of industrial processes.
6	Purpose of EP	Training competitive specialists with theoretical knowledge and professional competencies capable of solving production tasks, developing and implementing innovative, environmentally and socially responsible solutions in the field of polymer, elastomer, and paint and varnish production and processing technologies to contribute to sustainable development, ensure rational use of resources, and reduce environmental impact.
7	Type of EP	New
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	no
11	Education form	Full-time
12	Period of training	4 years
13	Amount of credits	240
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Bachelor of Engineering and Technology
16	Developer(s) and authors	Mangazbayeva R.A., Kerimkulova A.Zh, Narmuratova Z.B