UNEC

AZERBAIJAN STATE UNIVERSITY OF ECONOMICS (UNEC)

rector		prof.	A.J.	.Murad	0
	(signatu	ıre)			
٠٠ 			20_	_ year	

Code and name of the specialty: 050638- Industrial Engineering

EDUCATION PLAN

(for undergraduate level)
Study period 4 years (8 semesters)

I. SCHEDULE OF EDUCATION PROCESS

		Sep	otem	ber	29 IX 5 X	O	Octob	er	27 X 2 XI	N	ove	mbe	er	I)ece	mbe	r	29 XII 4 I	J	Jan	uary		26 I 1 II	Feb	ruai	ry	23 II 1 III	1	Mar	ch	30 III 5 IV	I	Apr	·il	27 IV 3 V		Ma	ay			Iyun	l	2 V 5 V		Jı	uly	V	27 VII 2 VIII		Aug	ust	
	1 7	8 14		22 28			20 26		3 1	10 1 16 2		24 30	1 7			22 28		5 11		8			2 8	l	16 22					23 29			13 19	20 26		4 10	11 17						22 28			13 19					17 23	
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4	=	=															::			:		::	=	=	X	X	X	X	X	X	X	X	X	X	X	X	X	X	#	#	#	#	#	#								

SYMBOLS:	THEORETICAL TRAINING	EXAM SESSION	İNTERNSHIP	FINAL STATE ATTESTATION	VACATION
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II. PLAN OF EDUCATIONAL PROCESS

								Including	3	Prerequisi	Requisite	Semeste	
N <u>ō</u>	Code of the subjec t	Name of subjects	The number of credits	Total hours	Hours outside the auditorium	Code of the subject	Lecture	Seminar	Laboratory	te (required to be taught first) program of subjects	(teaching parallel intended) code of subjects	r of subject teachin g (fall and spring)	Weekly class load
	Total		240	7200	4935	2265	1080	1065	120				
	Genera	al subjects	30	900	465	435	90	345	0				
1	00004	Business and academic communication in Azerbaijani language	4	120	60	60		60				S-2	4
2	00005	History of Azerbaijan	5	150	90	60	30	30				S-1	4
3	00052	Business and academic communication in a foreign language-1	4	120	60	60		60				F–1	4
4	00073	Business and academic Communication in a foreign language-2	3	90	45	45		45		00052		S-1	3
5	00932	Business and academic communication in a foreign language-3	4	120	60	60		60		00073		F-2	4
6	00933	Business and academic communication in a foreign language-4	4	120	60	60		60		00932		S-2	4
	Elective subject	ve subjects (general ts)	6	180	90	90	60	30	0				
7	00341 00830 00149 00574 00317 00632	1.Philosophy 2.Sociology 3. Fundamentals of law and Constitution of AR 4.Logic 5.Ethics and Aesthetics 6.Introduction to Multiculturalism	3	90	45	45	30	15				F-4	3
8	00402 00404 00758	1.Information technologies (specialty) 2.Information management 3.Fundamentals of Entrepreneurship and introduction to business	3	90	45	45	30	15				F-3	3

	00671	4.Political Science											
	Specialt	y subjects	120	3600	2310	1290	705	480	105				
	00055	Linear algebra and analytic	4	120	75	45	30	15	100			F-1	3
9 10	00040	Geometry Mathematical analysis	8	240	180	60	30	30				S-1	4
11	00891	Applied mathematics	4	120	75	45	30	15				F-2	3
12	00011 00024	Physics Chemistry	5	180 150	120 90	60	30		30			F-1 F-1	4
13 14	00624	Programming for engineers	5	150	90	60	30	30	30			F-1 F-2	4
15	00782	Industrial Safety	5	150	105	45	30	15				F-2	3
16	00033	Engineering and computer graphics	7	210	150	60	30	30				F-1	4
17	00894	Technical mechanics	6	180	120	60	30	30				F-2	4
18	00447	Job Analysis and Evaluation	5	150	105	45	30	15				S-2	3
19	00561	Materials Science	6	180	120	60	30	15	15			F-2	4
20 21	00616 00022	Designing enterprises Introduction to specialty	<u>6</u> 4	180 120	120 75	60 45	30 30	30 15				F-3 F-1	3
	00465	Quality management and	5	150	90	60	30	15	15			F-3	4
22		control		150	107	4.5			13			G 2	2
23	00456	Production planning Ergonomics and technical	5	150 180	105 120	45 60	30	15				S-2 S-1	3 4
24	00082	design	6	100	120	O O	30	30				5 1	•
25	00442	Economics	4	120	75	45	30	15				F-4	3
26	00091	Metrology, standardization and certification	5	150	90	60	30	30				S-1	4
	00451	Technological foundations of	6	180	120	60	30	30				F-3	4
27		production processes		150	407	4.7		30	15			E 4	2
28 29	00796 00306	System analysis and simulation Operations research	<u>5</u>	150 150	105 90	45 60	30	30	15			F-3 S-2	3 4
30	00300	Automation technology	5	150	105	45	30	15			<u>L</u> _	F-3	3
31	00034	Civil defense	3	90	45	45	30	15				S-1	3
	T71 - 4*	anklasta (1000	4800	700	200	200					
	Elective	subjects (specialty subjects) 1.Modern Programming	60	1800 180	1200 120	600	300	300	0			S-3	4
	00092	Languages	0	180	120	00	30	30				8-3	4
	00392	2.Design and Analysis of											
32	00372	Information Systems											
	00403	3.Information and Knowledge Engineering											
		4.Natural and Chemical Fibers											
		1.Organizational Design	7	180	120	60	30	30				S-3	4
	00884	2.Materials Management and Objects Planning											
33	00557	3.Organizational Design and											
	00885	Management											
		4.Technology of Yarn Manufacture											
	00531	1.Financial Accounting	6	180	120	60	30	30				S-3	4
34	00625	2.Statistics for Engineers 3.Marketing											
34	00532	4.Project Management											
	00135	5.Weaving Technology											
	00209	1.Renewable Energy Sources and its use	4	120	85	45	30	15				S-3	3
35	00006	2.Waste Management											
	00906 00776	3.Industrial Ecology											
		4.Braiding Technology 1.Production Systems	7	210	150	60	30	30				S-3	4
26	00452	2.Design of Production	,	210	130	00	30	30				5–3	•
36	00450 00142	Processes											
	00453	3.Six Sigma Purpose Design 1.Fundamentals of Production	7	210	150	60	30	30				S-2	4
		Engineering	,	210	150	00	30	30				5-2	•
37	00690	2.Economical Industrial											
	00897	Production 3.Technology Management											
	00255		6	180	120	60	30	30				F-4	4
	00863	1.Resource Management 2.Supply Chain Management											
38	00518	3.Logistics											
20	00750	4.Risk Management 5.Materials Transportation and											
	00553	Storage Systems											
	00783	1.Quality Control in İndustry	6	180	120	60	30	15	15			F-4	4
	00783	2.Ensuring Product Quality	v		A MU	00			10				•
39	00500	3.System Modeling and											
	00799	Simulation											
	00628	1.Engineering Psychology and	6	180	120	60	30	30				F-4	4
40		Human Activities											
40	00629	2.Legal Aspects of Engineering 3.Engineering Ethics											
_	00626	4.Clothing Technology		<u> </u>									
	00481	1.Computer-Aided	5	150	90	60	30	30				F-4	4
41	00646	Manufacturing Systems											
	00046	2.Control Systems 3.Industrial Robotics											
										<u></u> _	<u>L</u> _		
	Intern	ship and graduation work	30	900	900								
42	00861	Internship	21	630	630							S-4	0
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43	00210	Graduation work	9	270	270				S-4	0

III. TIME ALLOTTED FOR TRAINING

Academic year		Credi	ts	Theory (session eek)		etice ek)		tification eek)	Vaca	ntion
т Т	$\mathbf{F} - 1$	60	30	30	15	10	5					12	2
1	S-1	00	30	30	15	10	5					12	10
***	F – 2	(0)	30	20	15	10	5					12	2
II	S-2	60	30	30	15	10	5			1		12	10
III	F – 3	60	30	30	15	10	5				2	12	2
Ш	S-3	00	30	30	15	10	5]		12	10
IV	F – 4	$30 + 21^{x} + 9^{//}$	30	15	15	_	5	1.4		(2	2
11	S – 4	30 + 21" + 9"	$21^{x} + 9''$	15		5		14	14	0	6	2	
Total:		210 + 21 ^x +	9''= 240	10	5	3	5	1	4		6	3	8

	Internship	Week	Credits	Semester
1	Production practice	14	21	S – 4

1 week for the internship is 1,5 credits.

	FINAL CERTIFICATION	Week	Credits	Semester
1	Final State Attestation	6	9	S – 4

Direction 1: Textile Engineering
Natural and Chemical Fibers
Technology of Yarn
Weaving Technology
Braiding Technology
Technology of Clothing

IS PRESENTED BY:

Vice-Rector for teaching and learning technologies

Phd. Assist.prof. Musaev Garay Jumshud

Director of the educational-methodical Center

Assist.prof.Azadov Eldar

Acting dean of" Engineering " Faculty

Assist. prof. Samadov Elchin Alasgar

Head of the Department "Engineering and Applied Sciences"

Prof. Rovnaq Mirza Rzaev