"APPROVED"

UNEC

rector_____prof. A.J.Muradov

(signature)

"_____" _____ 20__ year

MINISTRY OF EDUCATION OF THE REPUBLIC OF AZERBAIJAN

AZERBAIJAN STATE UNIVERSITY OF ECONOMICS (UNEC)

EDUCATION PLAN

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

FORM №1

Code and name of the specialty:
050619 – Communication of the engineering systems

I. SCHEDULE OF EDUCATION PROCESS

	September				29 IX 5 X	October			27 X 2 XI	November				December				29 XII 4 I	January			26 I 1 II	February			23 II 1 III	March				30 III 5 IV	April				27 IV 3 V	May				June				29 VI 5 VII	July			27 VII 2 VIII	August			
	1 7	8 14	15 21	22 28		6 12	13 19	20 26		3 9	10 16	17 23	24 30	1 7	8 14	15 21	22 28		5 11	12 18	19 25		2 8	9 15	16 22		2 8	9 15	16 22	23 29		6 12	13 19	20 26		4 10	11 17	18 24	25 31	1 7	8 14	15 21	22 28		6 12	13 19	20 26		3 9	10 16	17 23	24 30
1	-	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	=	=	=	=	=	=
2	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	=	=	=	=	=	=
3	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	=	=	=	=	=	=
4	=	=	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	::	::	::	::	::	=	=	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P								

SYMBOLS: THEORETICAL TRAINING N | EXAM SESSION : : | PRACICE T | FINAL STATE ATTESTATION Y | VACATION =

II. PLAN OF EDUCATIONAL PROCESS

№	Code of the subject	Name of subjects	Number of credits	Total hours	Hours outside the auditorium	Auditorium hours	Including			Prerequisite (required to be taught first) program of subjects	Requisite (teaching parallel intended) code of subjects	Semester of subject teaching (fall and spring))	Weekly class load
							Lecture	Seminar	Laboratory				
	Total		240	7200	4965	2235	1080	1155					
	General subjects		30	900	465	435	90	345					
1	00004	Business and academic communication in Azerbaijani language	4	120	60	60		60				S–1	4
2	00005	History of Azerbaijan	5	150	90	60	30	30				F–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 subjects (general subjects)		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 multi-culturalism	3	90	45	45	30	15				S–3	3
8	00402 00404 00758 00671	1.Information technologies 2. . Information management 3. Fundamentals of entrepreneurship and introduction to business 4.Political science	3	90	45	45	30	15				S–2	3
	Specialization subjects		120	3600	2415	1185	630	450	105				
9	00053	Linear algebra and analytic	5	150	105	45	30	15				F–1	3

		geometry											
10	00104	Mathematical analysis	6	180	120	60	30	30				S–1	4
11	00622	Engineering mathematics	5	150	90	60	30	30				F–2	4
12	00011	Physics	6	180	120	60	30		30			S–1	4
13	00889	Applied physics	8	240	180	60	30		30			F–2	4
14	00025	Chemistry	5	150	105	45	30		15			F–1	3
15	00033	Engineering and graphics	7	210	150	60	30	30				F–3	4
16	00019	Informatics	7	210	150	60	30	30				F–1	4
17	00620	Engineering mechanics-1	5	150	105	45	30	15				F–2	3
18	00621	Engineering mechanics -2	6	180	120	60	30	30		00620		S–2	4
19	00473	Communication systems materials	5	150	90	60	30	30				F–2	4
20	00375	Hidrology, hydraulics and hydraulic machines	9	270	210	60	30	30				F–3	4
21	00257	Ecology	5	150	90	60	30	30				F–3	4
22	00582	Metrology, standardization and certification	5	150	105	45	30	15				S–2	3
23	00087	Equipment of communication systems	6	180	120	60	30	30				S–1	4
24	00576	Remote sensing	6	180	120	60	30	30				F–4	4
25	00088	Architecture of communicaton systems	6	180	120	60	30	30				S–1	4
26	00140	Alternative and renewable energie sources	5	150	90	60	30	30				F–3	4
27	00474	Communication systems of nutrition sources Communication systems of nutrition sources Communication systems of nutrition sources	6	180	120	60	30	30				S–3	4
28	00080	Electrical engineering and principles of electronics	4	120	60	60	30		30			F–3	4
29	00034	Civil defense	3	90	45	45	30	15				S–1	3
	Elective subjects (by specialties)		60	1800	1185	615	300	270	45				
30	00391 00303 00352	1. Information theory and coding 2.Operational systems 3.Expanded database systems	6	180	120	60	30	30				S–2	4
31	00484 00692 00192	1.Principles of the computer programming 2.Java programming 3.Business analytics, data warehouse and accountability	7	210	150	60	30	30				S–3	4
32	00483 00768 00790	1.Computer communications and networks 2. Network and protocol analysis 3.Wireless local networks and applied mobile	6	180	120	60	30	30				S–2	4
33	00734 00571 00738	1.Digital economy 2.Transfer of information and for receiving digital systems 3.Digital communication	5	150	90	60	30	30				F–4	4
34	00613 00928 00536	1.Modern programming languages and technologies 2.Introduction to the basic elements of Visual Design 3. Fundamentals of routing and WAN protocols	7	210	150	60	30	30				F–4	4
35	00744 00468 00491	1.Principles of the digital systems 2. Hyper security and criminalistics 3.Security of computer network	6	180	120	60	30	30				S–3	4
36	00944 00208 00762	1.Next generation wireless networks and services 2.Cloud technologies 3.Network engineering	6	180	120	60	30	30				S–3	4
37	00792 00429 00789	1.Structural principles of wireless systems 2.Internet protocols 3. Wireless communication channels	5	150	90	60	30	30				S–3	4
38	00803 00460 00383	1.Systems and administration of networks 2. IT operations Management 3.Informatic systems of management	7	210	135	75	30		45			F–4	5
39	00742 00665 00599	1. Digital media 2.Satellite communication 3.Use of mobile materials	5	150	90	60	30	30				F–4	4
	Practice		30	900	900								

40	00861	Practice	21	630	630	0						S–4	
41	00210	Graduation work	9	270	270	0						S–4	

III. TIME ALLOTTED FOR TRAINING

Academic year		Credits		Theoretical training (week)		Exam session (week)		Practice (week)		Final attestation (week)		Vacation	
I	F – 1	60	30	30	15	10	5					12	2
	S – 1		30		15		5						10
II	F – 2	60	30	30	15	10	5					12	2
	S – 2		30		15		5						10
III	F – 3	60	30	30	15	10	5					12	2
	S – 3		30		15		5						10
IV	F – 4	$30 + 21^{x} + 9^{//}$	30	15	15	5	5	14		6		2	2
	S – 4		$21^{x} + 9^{//}$						14		6		
Total:		$210 + 21^{x} + 9^{//} = 240$		105		35		14		6		38	

PRACTICE		Week	Credits	Semester
1	Industrial practice	14	21	S – 4

1 week for practice time is 1,5 credits.

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

IS PRESENTED BY:

Associate vice-rector for education: **assist.prof. G.C. Musayev**

Director of the Center for Teaching Methodology and Quality Assurance **assist.prof. E.H. Azadov**

Head of the "Digital technologies and applied informatics" department **Acad. A.M. Abbasov**

Dean of the "Digital economy" faculty **assist.prof. E.N. Jafarov**