



CURRICULUM
(Enrolment 2020)

APPROVED

by Head of Academic Council

Igor Sikorsky Kyiv Polytechnic Institute

Mykhayilo ILCHENKO

2020

Level

Bachelor

Form of study

full-time

(full-time, part-time)

Specialty

186 Publishing and Printing

Faculty (Institute)

PPI

Educational and Professional program

Technology of printed and electronic publications

Qualification

Bachelor in Publishing and Printing

Graduation Department

Technology of Printing Production, Reprography

Study duration

3 years 10 months

Base level

full secondary education

I. Schedule of educational process

YEAR	September				October				November				December				January				February				March				April				May				June				July				August							
I	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
I																																																				
II																																																				
III																																																				
IV																																																				

Symbols: Learning period Examination Practice Research Assessment Holiday

II. Summary table of time budget (Weeks)

YEAR	Learning period	Examination	Practice	Assessment	Research	Holiday	Total
I	36	4				12	52
II	36	4				12	52
III	36	4				11	52
IV	27	3	5	2	4	2	43

III. Practice

Type of practice	YEAR	Weeks
pre-diploma practice	8	5

IV. Graduates assessment

Subjects	Form of graduates assessment (exam, graduation project)	YEAR
	Diploma Thesis Defence	8

V. Plan of Educational process

Code	educational components	Distribution for terms (semesters)				ECTS Credits	Number of hours					
		Exams	Final tests	Individual task	Module test		Total	Lectures/practical lessons			Self-study	
								Lectures	Practical	Laboratory		
1	2	3	4	5	6	7	8	9	10	11	12	
1. Compulsory educational components												
1.1. General training cycle												
GO 1	Principles of professional oral speech (rhetoric)		1			1	2	60	18	18		24
GO 2	Ukraine in the context of the European historical development		2			2	2	60	18	18		24
GO 3	Physical education or basics of a healthy lifestyle		2, 4			1,3*	5	150		144		6
GO 4	Foreign Language		2, 4			1,3	6	180		144		36
GO 5	Higher Mathematics 1. Linear and Vector Algebra. Analytic Geometry. Differential calculus 2. Functions of Many Variables. Integral Calculus. Differential Equations 3. Elements of Field Theory and Theory of Series/Functional series. 4. Functional series. Fundamentals of Reliability Theory	1, 2	3, 4	1,2,3	1,2,3,4		16,5	495	108	108	9	270
GO 6	Physics 1. Mechanics and Molecular Physics 2. Electricity and Magnetism. Optics		1, 2	1,2			8	240	54		54	96
GO 7	Physical and Chemical Fundamentals of Printing 1. Organic and non-organic chemistry 2. Physical and Chemical Fundamentals of Print Production Technologies	2	1	2			8,5	255	36		72	147
GO 8	Engineering Graphics		1				3	90	18	36		36
GO 9	Applied Computer Graphics		2	2			4	120	18		54	48
GO 10	Theoretical and Applied Mechanics		2	2			3	90	36	18		36
GO 11	Informatics in Publishing and Printing		1				4	120	36		36	48
GO 12	Fundamentals of Electric Engineering and Electronics		2				3	90	36		18	36
GO 13	Economics and Production Organization		7	7	7	7	4	120	36	36		48
GO 14	Labor Safety and Civil Defence		6			6	4	120	36	28	8	48
GO 15	Materials for Publishing and Printing: 1. General Materials Science 2. Materials for Publishing and Printing	2,3		2,3	3		8,5	255	72	36	36	111
GO 16	Quality Management, Metrology, Standardization and Certification in Publishing and Printing	7		7	7		4	120	36	18		66
GO 17	Color Theory	3		3	3		3,5	105	18	36		51
GO 18	Equipment in Publishing and Printing		5, 6	6	5,6		5	150	45	36	18	51
GO 19	Information Processing Technology: 1. Textual Information Processing 2. Graphical Information Processing 3. Audio and Video Information Processing	4	3, 5	3,5	3,4,5		13	390	72		126	192
GO 20	Introduction to a Speciality	1		1	1		4,5	135	36	18	18	63
GO 21	Course Work in Information Processing Technology		5				1	30				30
total number of part 1.1		9	23	17	21		112,5	3375	729	730	449	1467
1.2. Vocational training cycle												
PO 1	Print Production Technologies: 1. Editorial and Publishing Processes 2. Prepress Processes 3. Printing Processes 4. Postpress Processes 5. Finishing Processes of Printed Products 6. Special Types of Printing	3,4,5	3,6,6	3,4,5,6	3,4,5,6		23	690	189	72	171	258
PO 2	Technologies of Electronic Publications: 1. Web Design 2. Technologies for Creating Electronic Publications	5,6	8	5,6,8	5,6,8		11	330	90		108	132
PO 3	Protection Technologies for Printed Products	7		7	7		5	150	27	18	18	87
PO 4	Project Design of Publishing and Printing Production: 1. Technological Process Engineering 2. Production Process Design and Calculation	7,8			7,8		9	270	36	36	36	162
PO 5	Design of Printing Products		3,4	3,4	3,4		5,5	165	45	36	18	66
PO 6	Pre-diploma Practice		8				6	180				180
PO 7	Diploma Project						6	180				180
PO 8	Course Work in Print Production Technologies		6				1	30				30
PO 9	Course Work in Project Design of Publishing and Printing Production		7				1	30				30
total number of part 1.2		8	9	10	11		67,5	2025	387	162	351	1125
TOTAL IN NORMATIVE educational components		17	32	27	32		180	5400	1116	892	800	2592
2. Optional educational components												
2.1. General training cycle (Optional subjects from University catalogue)												
GS 1	Educational Components 1 from University Catalogue		4		4		2	60	18	18		24
GS 2	Educational Components 2 from University Catalogue		4		4		2	60	18	18		24
GS 3	Educational Components 3 from University Catalogue		3		3		2	60	18	18		24
GS 4	Educational Components 4 from University Catalogue		6		6		2	60	18	18		24
GS 5	Foreign Language for Professional Purposes	8	6		5,7		6	180		126		54
total number of part 2.1		1	5		6		14	420	72	198	0	150
2.2. Vocational training cycle (Optional subjects from Faculty catalogue)												
PS 1	Educational Components 1 from Faculty Catalogue		4	4	4		6	180	18	18	36	108
PS 2	Educational Components 2 from Faculty Catalogue		5	5	5		5	150	18	18	36	78
PS 3	Educational Components 3 from Faculty Catalogue		5	5	5		5	150	18	18	36	78
PS 4	Educational Components 4 from Faculty Catalogue		6	6	6		5	150	18	18	36	78
PS 5	Educational Components 5 from Faculty Catalogue		6	6	6		5	150	18	18	36	78
PS 6	Educational Components 6 from Faculty Catalogue		7	7	7		5	150	18	18	36	78
PS 7	Educational Components 7 from Faculty Catalogue		7	7	7		5	150	18	18	36	78
PS 8	Educational Components 8 from Faculty Catalogue		8	8	8		5	150	18	18	36	96
PS 9	Educational Components 9 from Faculty Catalogue		8	8	8		5	150	18	18	36	96
total number of part 2.2		0	9	9	9		46	1380	162	162	288	768
TOTAL IN SELECTIVE educational components		1	14	9	15		60	1800	234	360	288	918
TOTAL		18	46	36	47		240	7200	1350	1252	1088	3510

GO - General Obligatory; GS - General Selective; PO - Professional Obligatory; PS - Professional Selective

Approved by Faculty Academic Council, Meeting protocol № __ from ____, 2020

Head of the Technology of Printing Production Department /T. A. Roik/

Head of the Reprography Department /E. V. Shtefan/