

PSU 1.3 Fatigue of materials

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

							CURRIC	CULUM													
OVED						(E	Enrolme	ent 2018	3)												
ctor of Igor Sikorsky Kylv Polytechnic Ite Mykhailo Zgurovsky			Ma	ster	124	Anelia -	l meat	mico					rm of stu	-		-	(full-	l-time	time , part-		En.a/
, , and garden,	Speciality		_		Applied							Faculty (Institute)								Enginee	
2018 Specialization			Dynamics and Strength of Machines Information systems and technologies in aircraft engineering									Qı	Qualification				2145.1 Researcher				
	Profile program			Educa	tional	scientif	ic mast	er's tra	ining			St	udy durat	ion		1	years	4 m	onths		
	Graduation Departme	ent	De	partme		namics				hines		Ва	se level			В	achelo	or de	gree		
			_	I.		ule of e															
September October 1 2 3 4 5 6 7 8 9		ember	J:	anuary		Februar 25 26	ry	March 29 30		April 33 34	35	M		20 40	June	40.4	Jul		17 40	Aug	
1			E E	H H		25 26	21 20	29 30	31 32	33 34	30	30	37 38 3	39 40	41 42 E E					49 50 H H	
	R R R R R R R Examination P Pra	R R		Resear	rch	A As	sessme	nt H	Holida	y							Ш				
II Summary table of time bu	dant (Mooke)					II. Praci	tico								V. Gra	duato		ocem	ont		
II. Summary table of time bu	earch Holiday Total		Г	Гуре of			YEAR	Wee	ks			Г	Subje			Form of	f gradu	uates a	assess	ment	YEAR
I 36 4	12 52		S	cientific		rch	4	5				٧	Work on master's		's	(exam, graduation project) Master's thesis defense			4		
	10 18		_	pra	ctice							<u> </u>	thes	is							1
-						lan of E	ducatio						I								
		Dis	tributio	40		Credits	<u></u>	Numb	per of h	ours ectures	,	_	Distril	bution	of clas		rs per ester:				s and
Subje	octe	Exams	tests	Course projects	Coursework		e total	_	P	ractical		Self-study	I cours		urse	rse Semesters		re	II course		
Subje	Subjects			se bi	urse	ECTS	ega	Total	Lectures	Practical	Laborato	Self-s	1 2				3 4			4	
			Final t	Cour	కి	Щ	Aggregate		Lect	Prac	Labc		18		numbe 1	r of we	eks i	in the			17
1 2		3	4	5	6	7	8 AL TDA	9	10	11		13	14	15	16	17	18	8	19	20	21
				L.		GENERA c trainir			ses)												
GM 1 Intellectual Property and I	Patented Science		1			3	90	54	36	18		36	3								
	total number of part I.1	1	2			3	90	54	36	18		36	3								
				I.2.S	cience	Resear	ch (opti	ional co	ourses)												
GM 2 Scientific work on the top	ic of master's thesis		1;2			4	120	45	9	36		75	1,5	5		1					
GM 3 Pre-diploma practice			3			14	420					420						>	\leq		
GM 4 Writing a Masters Dissert	ation					16	480					480						>	\leq		
	total number of part I.2		3			34	1020	45	9	36		975	1,5	5		1					
				1.3	. Basic	trainin	g (optio	nal cou	ırses)												
GS 1 Workshop on foreign lang communication	juage scientific		2			3	90	72		72		18	2			2					
GS 2 Academic discipline on se	ustainable development		1			2	60	36	18	18		24	2								
GS 3 Academic discipline on m	anagement		2			3	90	54	18	36		36			:	3					
	total number of part I.3		3			8	240	162	36	126		78	4			5		0			
TOTAL	IN GENERAL TRAINING		8	0	0	45	1350	261	81	180		1089	8,5	5		6		0			
					II. VC	CATIO	NAL TR	RAINING	;												
			II.1.	Vocatio	onal an	d practi	ical trai	ning (m	ajor co	urses)											
PM 1.1 Information systems and engineering	technologies in aircraft	1	2			9	270	126	63		63	144	2			5					
	total numberof part II.1	1	1			9	270	126	63		63	144	2			5		0			
			Sp	ecializa	tion: D	ynamic	s and S	trength	of Mac	hines											
			II.2.	Vocation	onal an	d pract	ical trai	ning (m	ajor co	urses)											
PSU 1.1 The theory of oscillation a	and stability of motion		1	1	L	2,5	75	9		9		66	0,5	5							
Numerical methods for dy	namics and strength of	1	Ι	1	I	I	I	I	Ι .				I		I		T				

PSU 1.4	Statistical dynamics and reliability	2	1			10	300	153	81	72		147	4,5	4		
PSU 1.5	Experimental methods of research	1;2				9	270	126	72		54	144	3	4		
PSU 1.6	Designing and calculating elements of aviation constructions		1;2			5	150	72	36		36	78	1	3		
PSU 1.7	Strength and fracture of structures	2				3	90	36	27	9		54		2		
	total number of part II.2	5	5	1	1	36	1080	477	261	108	108	603	13,5	13		
	TOTAL IN VOCATIONAL TRAINING	6	6	1	1	45	1350	603	324	108	171	747	15,5	18	0	
	TOTAL	6	14	1	1	90	2700	864	405	288	171	1836	24	24	0	
Number of hours per week												24	24	0		
Number of exams											3	3				
Number of credits										7	5	1				
Number of course projects										1						
Number of courseworks											1					
Specialization: Information systems and technologies in aircraft engineering											ering		1	1	I	
			II.1.	Vocatio	onal and	d practi	cal trair	ning (m	ajor co	urses)						
PSU 2.1	Oscillations and Stability of Mechanical Systems Motion		1	1		2,5	75	9		9		66	0,5			
PSU 2.2	The Grid Projection Methods in Mechanics		1		2	2,5	75	27	9		18	48	1,5			
PSU 2.3	Strength under non-stationary loads	1				4	120	54	36	18		66	3			
PSU 2.4	Statistical Methods in Mechanics	2	1			10	300	153	81	72		147	4,5	4		
PSU 2.5	Experimental Mechanics	1;2				9	270	126	72		54	144	3	4		
PSU 2.11	Strength Calculations of aviation structures		1;2			5	150	72	36		36	78	1	3		
PSU 2.6	Structural Strength	2				3	90	36	27	9		54		2		
	total number of part II.2	5	5	1	1	36	1080	477	261	108	108	603	13,5	13		
	TOTAL IN VOCATIONAL TRAINING	6	6	1	1	45	1350	603	324	108	171	747	15,5	18		
	TOTAL	6	14	1	1	90	2700	864	405	288	171	1836	24	24		
Number o	f hours per week												24	24		
Number of exams										3	3					
Number of credits										7	5	1				
Number of course projects										1						
Number of courseworks												1				
														ı	ı	
1	Civil Protection		1			1	30	18	10	8		12	1			

Approved at the Meating of the Institute's Academic Counsil No. 4 on 02/04/2018

Head of the Department	/ Babenko A. /	/ Dean of the Faculty (Director of the Institute)	/	Bobyr M.	/	