Information sheet for the course Experimental Methods in Material Engineering I

Faculty: Facult		k University of			
	y of Industrial	Technologies i	n Púchov		
Course unit coo	de: <i>PP-P-11</i>		Course unit ti Material Engir	tle: Experimenta neering I	al Methods in
Type of course	unit: compulse	ory			
Planned types,	learning activ	ities and teach	ing methods:		
Lecture: 2 hours	s weekly/26 hoi	ırs per semeste	er of study; face to	face	
Seminar: 0					
Laboratory tuto	rial: 2 hours w	eekly/26 hours	per semester of st	udy; face to face	е
Number of crea	dits: 5				
Recommended	semester				
the 2 nd seme	ester in the 1^{st} y	ear of the full-	time form of study	,	
			t-time form of stud		
Degree of study	the 1 st degree	of study (Bache	lor's degree)		
Course prerequ			U		
Assessment me					
Student must eld	aborate semest	ral work and p	resent it during s	emester. There v	will be one test o
the end semester		-	•		
Learning outco	*				
Loai ming vuitu	mes of the cou	irse unit:			
0			elected experiment	ntal methods us	ed for testing th
The student kno	ows the basic	principles of s	elected experiment efects in materials		ed for testing th
The student kno properties of ma	ows the basic particular the terials and the	principles of s	elected experiment efects in materials		red for testing th
The student kno properties of ma Course content	ows the basic particular terials and the second s	principles of s detection of de	efects in materials	and products.	
The student kno properties of ma Course content Static testing of	ows the basic j iterials and the s: materials, peri	principles of s detection of de iodic and aper	efects in materials	and products.	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical ana	ows the basic f <u>iterials and the</u> s: materials, peri lysis, theory of	principles of s <u>detection of de</u> iodic and aper acoustic waves	efects in materials iodic testing, dync s, , theory of elast	and products. umic testing of n ic waves, non-de	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical ana	ows the basic f <u>iterials and the</u> s: materials, peri lysis, theory of	principles of s <u>detection of de</u> iodic and aper acoustic waves	efects in materials	and products. umic testing of n ic waves, non-de	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical ana	ows the basic f <u>iterials and the</u> s: materials, peri lysis, theory of	principles of s <u>detection of de</u> iodic and aper acoustic waves	efects in materials iodic testing, dync s, , theory of elast	and products. umic testing of n ic waves, non-de	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical ana testing with ultro	ows the basic <u>particular and the</u> s: materials, perf lysis, theory of asonic, fatigue	principles of s <u>detection of de</u> jodic and apera acoustic waves and creep of n	efects in materials iodic testing, dync s, , theory of elast	and products. umic testing of n ic waves, non-de	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical ana testing with ultro Recommended	ows the basic f aterials and the s: materials, perf lysis, theory of asonic, fatigue of required re	principles of s detection of de iodic and apera acoustic waves and creep of n eading:	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes	and products. amic testing of n ic waves, non-de sting.	naterials, dynami
The student kno properties of ma Course content Static testing of mechanical anal testing with ultro Recommended P. Koštial: Fyzil	ows the basic f neterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n	principles of s detection of de iodic and aper acoustic waves and creep of n ading: nateriálového i	efects in materials iodic testing, dync s, , theory of elast naterials, wear tes nžinierstva I, ZUS	and products. umic testing of n ic waves, non-de sting. SI Žilina 2000.	naterials, dynami estructive materic
The student kno properties of ma Course content Static testing of mechanical anal testing with ultro Recommended P. Koštial: Fyzih Ptáček, L. a kol.	ows the basic p <u>sterials and the</u> s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate	principles of s detection of de iodic and apera acoustic waves and creep of n eading: nateriálového i eriálu I. Akade	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes nžinierstva I, ZUS mické nakladatels	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno	naterials, dynami estructive materic
The student kno properties of ma Course content Static testing of mechanical ana testing with ultro Recommended P. Koštial: Fyzil Ptáček, L. a kol. P. Koštial a kol.	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra	principles of s detection of de iodic and apera acoustic waves and creep of n eading: nateriálového i eriálu I. Akade	efects in materials iodic testing, dync s, , theory of elast naterials, wear tes nžinierstva I, ZUS	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno	naterials, dynami estructive materic
The student kno properties of ma Course content Static testing of mechanical ana testing with ultra Recommended P. Koštial: Fyzik Ptáček, L. a kol. P. Koštial a kol. Language: Slov	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra	principles of s detection of de iodic and apera acoustic waves and creep of n eading: nateriálového i eriálu I. Akade	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes nžinierstva I, ZUS mické nakladatels	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno	naterials, dynami estructive materic
The student kno properties of ma Course content Static testing of mechanical ana testing with ultra Recommended P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra	principles of s detection of de iodic and apera acoustic waves and creep of n eading: nateriálového i eriálu I. Akade	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes nžinierstva I, ZUS mické nakladatels	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno	naterials, dynami estructive materia , 2001.
The student kno properties of ma Course content Static testing of mechanical anau testing with ultro Recommended P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov Remarks:	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra vak	principles of s detection of de iodic and apera acoustic waves and creep of n eading: nateriálového i eriálu I. Akade	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes nžinierstva I, ZUS mické nakladatels	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno	naterials, dynami estructive materic
The student kno properties of ma Course content Static testing of mechanical anau testing with ultro P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov Remarks: Evaluation hist A	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra vak ory: 0 B	principles of s detection of de iodic and aper- acoustic waves and creep of n eading: nateriálového i eriálu I. Akaden zvukových vĺn	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes mické nakladatels pri štúdiu povrcho	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno ov a rozhraní, Žu E	naterials, dynami estructive materia , 2001. U Žilina 1998. FX
The student kno properties of ma Course content Static testing of mechanical anau testing with ultro P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov Remarks: Evaluation hist	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra vak	principles of s <u>detection of de</u> iodic and aper acoustic waves and creep of n eading: nateriálového i eriálu I. Akaden zvukových vĺn	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes mické nakladatels pri štúdiu povrcho	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno ov a rozhraní, Ži	naterials, dynami estructive materia , 2001. U Žilina 1998.
The student kno properties of ma Course content Static testing of mechanical anau testing with ultra Recommended P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov Remarks: Evaluation hist A 0.0	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Využitie ultra vak ory: 0 B 0.0	principles of s detection of de iodic and aper- acoustic waves and creep of n eading: nateriálového i eriálu I. Akaden zvukových vĺn C 0.0	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes mické nakladatels pri štúdiu povrcho D 0.0	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno ov a rozhraní, Žu E 0.0	naterials, dynami estructive materia , 2001. U Žilina 1998. FX 0.0
The student kno properties of ma Course content Static testing of mechanical anau testing with ultra Recommended P. Koštial: Fyzih Ptáček, L. a kol. P. Koštial a kol. Language: Slov Remarks: Evaluation hist A 0.0	ows the basic p tterials and the s: materials, perf lysis, theory of asonic, fatigue of required re kálne základy n : Nauka o mate : Nyužitie ultra ory: 0 B 0.0 Ing. Marta Kia	principles of s detection of de iodic and aper- acoustic waves and creep of n eading: nateriálového i eriálu I. Akaden zvukových vĺn C 0.0 anicová, PhD.,	efects in materials iodic testing, dyna s, , theory of elast naterials, wear tes mické nakladatels pri štúdiu povrcho	and products. amic testing of n ic waves, non-de sting. SI Žilina 2000. tví CERM, Brno ov a rozhraní, Žu E 0.0	naterials, dynami estructive materia , 2001. U Žilina 1998. FX 0.0