Information sheet for the course Dimensioning of Polymer-made Products

University: Al	lexander Dubček	University of T	Frenčín		
	ty of Industrial T				
Course unit co				title: Dimensionin ts	g of Polymer-
Type of course	e unit: compulso	ry			
	, learning activity and sweekly/26 hour			to face	
Number of cre	edits: 2				
Recommended semester: 2 nd semester in the 1 st year full-time					
2^{nd} semester in the 1^{st} year part-time					
Degree of study: the 2 nd degree of study (Engineer's degree)					
Course prerequisites: none					
Assessment methods:					
Creation and presentation of semester task, which consists of numeric solving with one task:					
sizing polymer product by finite element method.					
Learning outcomes of the course unit:					
Graduates are able to independently solve the task of dimensioning of plastic, rubber and					
composites. Course contents:					
 2. Elasticity and 3. Strength, duc 4 6. Dimensional requirements for requirements for 7 9. Dimensional the plastic production for the plastic production for the plastic production for the plastic product for the plastic produ	or the rubber pro oning of plastic - lucts. ng of thin-walled ent method in dir erview of softwar I of required rea nzování a navrho nzování a navrho vémový přístup k vak	ons. and malleabilit er products - th ducts. the underlying l structures (pr nensioning of t re design and d ading: ování výrobků z	e underlying as assumptions at oducts). he polymer pro- limensioning m polymerů. FT- plastů. FT-UT	sumptions and per nd performance re ducts. nethods of product UTB Zlín, 2006.	quirements for s from polymeric
Evaluation his	tory: 0				
Α	В	С	D	Е	FX
0.0	0.0	0.0	0.0	0.0	0.0
Lecturers: prof. Ing. Ján Vavro, PhD., doc. Ing. Jan Krmela, PhD.					
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Supervisor: prof. Ing. Darina Ondrušová, PhD.					