Information sheet for the course The theory and technology of machining processes, forming and surface treatment

University: Alex	ander Dubček U	niversity of Trenč	ín					
Faculty: Faculty of special technology								
Course unit cod	e: STaM/D/3-38/	mo	ourse unit title: achining proces catment	•	· · ·			
Type of course u	ınit: optional							
Planned types, learning activities and teaching methods:								
Lectures three hours per week / laboratory exercises 1 hour per week, part-time method.								
Number of credits: 15								
Recommended semester: 1 st and 2 nd semester in the 1 st year								
Degree of study: III.								
Course prerequ	isites: none							
Assessment methods:								
100% attendance on seminars, 60 % attendance on lectures, successful submission of the								
seminar paper, proof of acquired knowledge from the subject with using oral and written								
examination.								
technological probetween materials Course content Machining of horoughness of machining. Method rezania. Medzné sombustion in elementarie formation (risks and human metals.	cocesses of work ls, technology and ardened materic chined surface. So dimensional states and the de lastic-plastic hoting. Forming the n factors). Theo	ning, forming and cpieces and vytvood quality of finish chining technologals in instrumen and energy analyvelopment of massusings. Mechanic metallurgical bory and principles	arka, including ed products gy. High Speed ts with a defin r of cutting tools. ysis and their ap s transport. Visc al and thermal nd. Ekosociotech	finishes. Master d Machining - ed cutting edge Laws indexing pplication in and ous flows and el effects on metal anické objects an	HSM, HSC. e. Simulation workpiece for elytical theory exikohézia. Of ls and alloys. d ergonomics			
Recommended o	-	_	* 1 · . / / / / / / / / / / / / / / / / / /	N. T. V. 2002				
HÍREŠ, O Mäsiar, H.: Technológia tvárnenia. VŠ skriptá. TnUAD Trenčín, 2002								
HÍREŠ, O.: Povrchové úpravy, skriptá, TnU AD Trenčín, 2004								
JANÁČ, A BÁTORA, B BARÁNEK, I LIPA, Z.: Technológia obrábania, STU MtF								
Bratislava, 2004 Language: Slovak								
Remarks:								
Evaluation history								
Total number of students being evaluated:								
A	B	С	D	Е	FX			
0, 0	0,0	0,	0,0	0,0	0,0			
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Lecturers: Assoc. prof. Ing. Harold Mäsiar, CSc.

Last modification: 15.4.2014

Supervisor: prof. Ing. Vojtěch Hrubý, CSc., guarantee of the study program "Technologies and Materials in Mechanical Engineering", Assoc. prof. Ing. Ondrej Híreš, CSc., Assoc. prof. Ing. Viliam Cibulka, CSc – together-guarantors.