

**Information sheet for the course
Special articles I – Machined surfaces**

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of special technology</i>					
Course unit code: <i>STaM/D/3-32/d</i>			Course unit title: <i>Special articles I – Machined surfaces</i>		
Type of course unit: <i>optional</i>					
Planned types, learning activities and teaching methods: <i>2 lecture hours, attendance teaching method.</i>					
Number of credits: <i>5</i>					
Recommended semester: <i>3st semester in the 2nd year</i>					
Degree of study: <i>III.</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>Active participation in laboratory exercises and submission semester work. The test consists of a written test and an oral preparation in the range of curriculum subject.</i>					
Learning outcomes of the course unit: <i>A reading of the relationship between the material and the geometry of the tool and the workpiece machining parameters able to determine the final properties of the machined surface.</i>					
Course contents: <i>Making machined surfaces, technological inheritance of machined surfaces, Macro and Micro-geometry, paved machining, residual stresses and physico-chemical state of machined surfaces. Functionality machined surfaces. Technological Inheritance machined surfaces of high strength steels.</i>					
Recommended of required reading: <i>BÁTORA, B. - VASILKO, K.: Obrobené povrchy - monografia, Trenčín, TnUAD v Trenčíne s vydavateľstvom GC Tech - Ing. Gerši, 2000, 183 s.</i>					
Language: <i>Slovak</i>					
Remarks: <i>The subject is provided in the winter semester of the second year of full-time study. Optional subject.</i>					
Evaluation history <i>Total number of students being evaluated: 0</i>					
A	B	C	D	E	FX
0	0	0	0	0	0
Lecturers: <i>prof. Ing. Vojtech Hrubý, CSc. – lecturer</i>					
Last modification: <i>15.4.2014</i>					
Supervisor: <i>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.</i>					