

Information sheet for the course Technical Documentation

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Industrial Technologies in Púchov</i>					
Course unit code: <i>MT-P-3</i>			Course unit title: <i>Technical Documentation</i>		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>Lecture: 2 hours weekly/26 hours per semester of study; face to face</i> <i>Seminar: 0</i> <i>Laboratory tutorial: 2 hours weekly/26 hours per semester of study; face to face</i>					
Number of credits: <i>5</i>					
Recommended semester <i>the 1st semester in the 1st year of the full-time form of study,</i> <i>the 3rd semester in the 2nd year of the part-time form of study,</i>					
Degree of study: <i>the 1st degree of study (Bachelor's degree)</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>Student must elaborate semestral work. There will be one test on the end semester. Active presence on the laboratory tutorials.</i>					
Learning outcomes of the course unit: <i>The student can read and draw technical drawing, knows the rules and principles of engineering drawing, knows the various mechanical engineering components and units, their function and can draw them.</i>					
Course contents: <i>Standardisation. Technical documentation. Technical lettering. Technical drawings, formats, title block. Rules viewing. Lines, scales, views, sections, cross sections, intersections, simplified viewing. Dimensioning. Surface roughness. Tolerancing - symbols and definitions, tolerance, tolerance zone, international tolerance grade, hole basis, shaft basis, types of fit, writing tolerances on drawings. Geometric tolerances. Bolted joints and mechanisms. Screw threads components for torque transmission. Bearings. Centering holes, grooves. Mechanical transfers. Welded joints. Springs.</i>					
Recommended of required reading: <i>MAŠEK, K.- ŠIMŮNEK, P.: Technické kreslení. SNTL Bratislava, 1962.</i> <i>VÁVRA, P.: Strojnické tabulky, SNTL Praha 1984.</i> <i>Barysz, I. - Šulla, J.: Technická dokumentácia v elektrotechnike. (Skriptum). VŠDS Žilina, 1994.</i> <i>ČILLÍK, L. -BARYSZ, I.: Úvod do konštruovania, návody na cvičenia. (Skriptum). ŽU v Žiline, 1998.</i> <i>VESELOVSKÝ, J.: Technické kreslenie. ALFA, SNTL Bratislava, 1986</i> <i>DRASTÍK, F.: Technické kreslení podle mezinárodních norem. MONTANEX, s.r.o. Ostrava, 1994</i>					
Language: <i>Slovak</i>					
Remarks:					
Evaluation history: <i>120</i>					
A	B	C	D	E	FX
18.33	16.67	18.33	14.17	28.33	4.17

Lecturers: <i>doc. Ing. Ondrej Nemčok, PhD., Ing. Dana Bakošová, PhD.</i>
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Last modification: <i>31.03.2014</i>

Supervisor: <i>doc. Ing. Marta Kianicová, PhD.</i>
