

Information sheet for the course Seminar in Technical Documentation

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of special technology</i>					
Course unit code: <i>SaOA/B/4-13/d</i>			Course unit title: <i>Seminar in Technical Documentation</i>		
Type of course unit: <i>optional</i>					
Planned types, learning activities and teaching methods: <i>2 hours exercise per week, full-time method</i>					
Number of credits: <i>1</i>					
Recommended semester: <i>1st semester in the 1st year (full-time)</i> <i>1st semester in the 1st year (part-time)</i>					
Degree of study: <i>I. (bachelor)</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>Final score - credit: 100% active participation in the exercises, duly completed assignment, demonstrate basic knowledge of the subject.</i>					
Learning outcomes of the course unit: <i>The student will acquire a basic overview of the principles of sound technical drawing, learns to show engineering components and acquire basic skills in processing technical construction file.</i>					
Course contents: <i>Displaying a listing. Prescription of quality components and surface treatment. Tolerance and counting them, marking of deviations of form and position. Labelling surface roughness. Orientation in technical standards and technical tables - features, marking, labeling. Drawing bolted. Threads and threaded connection. The connecting pins, pins, cotters, pens. Non-separable connections - welds, rivets, gluing, soldering. Transfers - types, characteristics. Shafts, bearings, springs. Drawing system shaft - bearing - gear.</i>					
Recommended of required reading: <i>NEMČEKOVÁ, M.: Základy strojného inžinierstva 1.vyd. - STU Bratislava, Sjf STU Bratislava, 2012.</i> <i>ANTALA, J.: Základy strojného inžinierstva. 1.vyd. - STU Bratislava, Sjf STU Bratislava, 2012. ISBN 978-80-227-3772-2.</i> <i>ANTALA, J.: ZÁKLADY STROJNÉHO INŽINIERSTVA – ZBIERKA ÚLOH. STU Bratislava 2008. ISBN 978-80-227-2949-9.</i> <i>SVOBODA, P. a kol.: Základy konstruování. 4.vyd.–Akademické nakladatelství Cerm Brno, 2011.234 s. ISBN 978-80-7204-750-5.</i> <i>MEDVECKÝ, Š. a kol.: Konštruovanie 1. 2. vyd. – EDIS ŽU, Žilina, 2007, 626 s. ISBN 978-80-807-0640-9.</i> <i>MEDVECKÝ, Š. a kol.: Základy konštruovania. EDIS ŽU, Žilina, 1999, 599 s.</i> <i>ČILLÍK, L. - BARYSZ, I.: Úvod do konštruovania. Návoďy na cvičenia. EDIS ŽU, Žilina, 2000,</i> <i>BAJLA, J. a kol.: Strojárske tabuľky, SÚTN Bratislava, 2004, 450 s.</i> <i>FIALA, J. a kol.: Strojnícke tabuľky I. , II., III.</i>					
Language: <i>Slovak</i>					
Remarks: <i>The subject is taught in the winter semester of the 1st year of full-time study. Selective 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>Ing. Peter Čelko, PhD. – assistant of lecturer</i>					
Last modification: <i>15.4.2014</i>					
Supervisor: <i>prof. Ing. Alexej Chovanec, CSc., guarantee of the study program “Vehicles Maintenance and Repair”.</i>					