

Information sheet for the course
Project in design of machine parts and mechanisms

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of special technology</i>					
Course unit code: <i>ŠST/B/4-47/d</i>			Course unit title: <i>Project in design of machine parts and mechanisms</i>		
Type of course unit: <i>compulsory</i>					
Planned types, learning activities and teaching methods: <i>1 hour seminar per week</i>					
Number of credits: <i>2</i>					
Recommended semester: <i>6th semester in the 3rd year of study /full-time / 7th semester in the 4th year of study /part-time /</i>					
Degree of study: <i>I.</i>					
Course prerequisites: <i>ŠST/4-12/d Fundamentals of Engineering Design, ŠST/4-45/d, ŠST/B/4-46/d Machine Parts and Mechanisms I, II</i>					
Assessment methods: <i>Final assessment: 100% participation in exercises, processing, submit and evaluation of semester assignments.</i>					
Learning outcomes of the course unit: <i>Student can effectively analyzed using the acquired complex knowledge and strengthening of logical thinking in individual assignments and a semester project.</i>					
Course contents: <i>Elaboration individual of semester project, formal and contentual aspect of the project, implementation design, software tools to the solve, technical documentation.</i>					
Recommended of required reading: <i>BOŠANSKÝ, M. a kol.: Konštruovanie II - Konštrukčné uzly, STU Bratislava, 2011, 326 s., ISBN 978-80-227-3510-0, BOŠANSKÝ a kol.: Konštruovanie 1 - Konštrukčné prvky, Vydavateľstvo STU, 2009, 211 s., ISBN 978-80-227-3161-4, BOHÁČEK, F. a kol.: Části a mechanismy strojů I. Zásady konstruování - spoje. Skriptá VUT Brno, 1984, 319 s., BOHÁČEK, F. a kol.: Části a mechanismy strojů II. Hriadele, tribológia, ložiska. Skriptá VUT Brno, 1983, 215 s., NĚMEC, A., BOHÁČEK, F.: Části strojů III. Hřídele, ložiska a spojky, VUT Brno 1964, 308 s., MÁLIK, L. a kol.: Části a mechanismy strojov. EDIS - vydavateľstvo ŽU, Žilina 2003, ŠVEC., V.: Části a mechanismy strojů. Ozubené převody., ČVUT Praha, 1986, 240 s.</i>					
Language: <i>Slovak</i>					
Remarks: <i>The subject is provided in the summer semester in the third year of full-time study. Compulsory subject.</i>					
Evuation history <i>Total number of student being evaluated: 300</i>					
A	B	C	D	E	FX
11,33	16,0	26,67	38,0	18,0	0,0
Lectures: <i>Ing. Peter Čelko, PhD. - assistant instructor Ing. Pavol Tököly, PhD. - assistant instructor</i>					
Last modification: <i>15.4.2014</i>					
Supervisor: <i>prof. Ing. Jiří Balla, CSc., guarantee of the study program „Special Mechanical Engineering Technology“</i>					