

Information sheet for the course Textile and Clothing Technology

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Industrial Technologies in Púchov</i>					
Course unit code: <i>MI-I-PV-18D</i>			Course unit title: <i>Textile and Clothing Technology</i>		
Type of course unit: <i>optional</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: 1 hour weekly/13 hours per semester of study; face to face</i> <i>Laboratory tutorial: 0</i>					
Number of credits: <i>4</i>					
Recommended semester: <i>3rd semester in the 2nd year full-time</i> <i>3rd semester in the 2nd year part-time</i>					
Degree of study: <i>the 2nd degree of study (Engineer's degree)</i>					
Course prerequisites: <i>none</i>					
Assessment methods: <i>Active participation in the seminars, tests based on calculations of the basic parameters in textile technology (60 % success), creation and presentation of semester tasks.</i>					
Learning outcomes of the course unit: <i>The student will obtain basic knowledge of textile raw materials, textiles and textile technologies related to the production of textile yarns, fabrics and clothing.</i>					
Course contents: <i>The basic nomenclature and characteristics of textile raw materials, spinning intermediate products and final products.</i> <i>Spinning process: drawing out, cleaning, blending, carding, drawing, combing, spinning.</i> <i>The basic technological processes of production of yarns and fabric.</i> <i>Weaving and knitting – the basic concepts and principles. Distribution of knits, knitting machines. Basic knits.</i> <i>Non-woven fabrics. The distribution of non-woven fabrics.</i> <i>Textile finishing. Clothing materials. Complex production process in clothing production.</i>					
Recommended of required reading: <ol style="list-style-type: none"> 1. <i>Dostálová M., Křivánková, M.: Zaklady textilní a oděvní výroby, Liberec, 2004.</i> 2. <i>Jirásková P.: Výroba délkových textilií, 103 s. Liberec, 2004.</i> 3. <i>Kovář R.: Teorie tvorby plošných textilií, Liberec, 2010.</i> 4. <i>Zouharová J.: Výroba odevů I, II, Liberec, TUL, 2004.</i> 5. <i>Staněk J., Kubičková M.: Oděvní materiály, skripta VŠST Liberec, 1986.</i> 6. <i>Jirsak O., Kalinová K.: Netkané textilie, Liberec, TUL, 2003, 129 s.</i> 					
Language: <i>Slovak</i>					
Remarks: <i>-</i>					
Evaluation history: <i>0</i>					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Lecturers: <i>Ing. Vladimíra Krmelová, PhD.</i>					
Last modification: <i>31.03.2014</i>					
Supervisor: <i>prof. Ing. Darina Ondrušová, PhD.</i>					

