

Information sheet for the course Industrial Technologies I

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of Industrial Technologies in Púchov</i>					
Course unit code: <i>TTN-P-6</i>			Course unit title: <i>Industrial Technologies I</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: 2 hours weekly/26 hours per semester of study; face to face</i> <i>Laboratory tutorial: 0</i>					
Number of credits: <i>4</i>					
Recommended semester: <i>the 2nd semester in the 1st year full-time form of study</i> <i>the 2nd semester in the 1st year part-time form of study</i>					
Degree of study: <i>the 1st degree of study (Bachelor's degree)</i>					
Course prerequisites: <i>TTN-P-2 Basics of Textile and Clothing Production</i>					
Assessment methods: <i>Creation and presentation of semester task</i>					
Learning outcomes of the course unit: <i>The student will obtain basic knowledge about the textile technologies related to the production of fabrics.</i>					
Course contents: <i>Yarn preparation for weaving. Rewinding, methods of winding, rewinding machines.</i> <i>Fancy yarn, distribution, production of fancy yarns. Sizing.</i> <i>Warping, type of warping. Beaming and strip warping.</i> <i>Threading of yarn. Preparation of weft yarn.</i> <i>Basic parts and mechanisms of weaving looms and machinery.</i> <i>Different types of shedding mechanisms in loom. Methods of forming the shed.</i> <i>Jacquard looms. Shuttleless looms. Rapier and jet looms.</i> <i>Preparation of material for knitting.</i> <i>Weft and warp knitting machines.</i> <i>Pattern device with a group dial needles, patterning with various high-butts.</i> <i>Technological processes of weft knit products.</i> <i>Technological processes of warp knit products.</i> <i>Technological processes of hosiery.</i>					
Recommended of required reading: <i>1. P. LIZÁK, J. MILITKÝ: Technické textilie, ISBN: 80-968674-0-7, Ružomberok</i> <i>2. P. LIZÁK, J. LIGAS.: Základy textilnej a odevnej výroby. 1. vyd. Ružomberok: TnUAD.KPD, 2010. 89 s. ISBN 978-80-969610-8-5.</i>					
Language: <i>Slovak</i>					
Remarks: <i>-</i>					
Evaluation history:					
A	B	C	D	E	FX
26.47	17.65	29.41	14.71	11.76	0.0
Lecturers: <i>Ing. Vladimíra Krmelová, PhD.</i>					
Last modification: <i>16.03.2015</i>					
Supervisor: <i>doc. Ing. Pavol Lizák, PhD.</i>					

