

**Information sheet for the course
Structure and Analysis of Weave Fabrics**

University: <i>Alexander Dubček University of Trenčín</i>					
Faculty: <i>Faculty of industrial Technologies in Púchov</i>					
Course unit code: <i>TTN-P-15</i>			Course unit title: <i>Structure and Analysis of Weave Fabrics</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>5</i>					
Recommended semester: <i>the 3rd semester in the 2nd year full-time form of study</i> <i>the 3rd semester in the 2nd 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-6 Industrial Technologies</i>					
Assessment methods: <i>Creating 3 elementary and 3 derived Weaves fabrics with using frame or weaving loom. Creating clothing, homewares or weaving technique. Theoretical knowledge drawings technical pattern weaves fabrics and knowledge about their practical use (min. 75% success in exam) .Kredity shall not be granted to a student who fails to deliver the necessary outcomes from the exercise and not demonstrated the necessary theoretical knowledge.</i>					
Learning outcomes of the course unit: <i>The student will obtain practical skills in formation weaves fabrics, drawings, technical pattern and theoretical knowledge of the use of different types of weaving fabrics in an assortment of fabrics.</i>					
Course contents: <i>Technical pattern weaving fabrics and the basic types of weaving the weaving derived from plain weave, twill and satin weaves. Crepe, waffle, cannava, struct, grade weaves. Use color warping and throwing the design weaver fabrics. multiwarp, multiveft, hollow weaves and 3D fabrics. Special weaves corduroy, velvet and terry fabrics.</i>					
Recommended of required reading: <i>1. Bednář V., Svatoš S.: Vězby a rozborů tkanín, Alfa Bratislava 1989</i> <i>2. Volfová E., Arsenjevová Z.: Tkaní, books ,a.s. Brno 2005 ISBN 80-251-0301-3</i>					
Language: <i>Slovak</i>					
Remark: <i>The capacity of the subject is limited technical equipment the workplace at max. number of 10 students during the exercise</i>					
Evaluation history:					
A	B	C	D	E	FX
Lecturers: <i>Ing. Jela Legerská, PhD.</i>					
Last modification: <i>16.03.2015</i>					
Supervisor: <i>doc. Ing. Pavol Lizák, PhD.</i>					