

Course Unit Descriptor

<b>Study Programme:</b> Clothing engineering			
<b>Course Unit Title:</b> Construction of flat textile products			
<b>Course Unit Code:</b> OAS048			
<b>Name of Lecturer(s):</b> Assistant professor Nadiia Bukhona, PhD			
<b>Type and Level of Studies:</b> Scientific and professional			
<b>Course Status (compulsory/elective):</b> Elective			
<b>Semester (winter/summer):</b> Summer			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face			
<b>Number of ECTS Allocated:</b> 5			
<b>Prerequisites:</b> Doesn't have			
<b>Course Aims:</b> Familiarization with modern methods of construction of flat textile products. Studying the construction processes of fabrics and knitwear.			
<b>Learning Outcomes:</b> Students are able to independently construct flat textile products according to market requirements			
<b>Syllabus:</b> <i>Theory:</i> Definitions of fabrics and knitwear. Division of fabrics and knitwear. Graphic representation of interlacing. Fabric construction. Cloth weave. Twill weaves. Derived interweaving from linen. Derived interweaves from twill interweaves. Colored wire and interlacing effects. Rib knits. Subkin and basic double. Hollow fabrics. Double and multiple fabrics. Double base ribs weaves. Pique fabric. Terry cloth. Plush interweaves. Tapestry weaves. Elements of knitted structures. Multicolored interlacings. Padded weaves. Relief interweaving. Bilateral - right culicular interlacings. Interlock interlocks. Left - left interlacing. Single base interlacings. Two-base entanglements. Two-sided base weaves.  <i>Practice:</i> Through exercises and project work, students work on the construction elements of flat textile products.			
<b>Required Reading:</b> <ol style="list-style-type: none"> <li>1. J. Stepanović, B. Antić; Designing of fabrics; Faculty of Technology, University of Niš, Leskovac; 2005.</li> <li>2. B. Antić; A. Antić, K. Zafirova; Weaving in textiles Part I; Prosvetno Delo, Skopje; 1985.</li> <li>3. B. Antić, A. Antić, K. Zafirova; Weaving in textiles Part II, Prosvetno Delo, Skopje; 1985.</li> <li>4. Lasić V. ; Fabric weaves; Zagreb; 1997.</li> <li>5. V. Orešković, J. Hadžina; Weaves and construction of flat woven fabrics; ETS, Bihac; 1982.</li> <li>6. V. Petrović; Knitting technology Part I; Technical Faculty, Zrenjanin; 2000.</li> </ol>			
<b>Weekly Contact Hours:</b> 4	<b>Lectures:</b> 2		<b>Practical work:</b> 2
<b>Teaching Methods:</b> Verbal teaching methods. Illustrative teaching methods. Demonstration teaching methods. Methods of practical work; laboratory-experimental methods with the use of computers.			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points

Active class participation	10	written exam	20
Practical work		oral exam	20
Preliminary exam(s)	30		
Project(s)	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			