

<b>Study Programme:</b> Clothing engineering
<b>Course Unit Title:</b> Technical preparation of clothing production
<b>Course Unit Code:</b> OAS135
<b>Name of Lecturer(s):</b> Assistant professor Ineta Nemeša, PhD
<b>Type and Level of Studies:</b> Theoretical and methodological
<b>Course Status (compulsory/elective):</b> Compulsory
<b>Semester (winter/summer):</b> Winter
<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> 6
<b>Prerequisites:</b> Doesn't have
<p><b>Course Aims:</b></p> <p>Acquiring knowledge about modern clothing production processes in an industrial environment and work organization in the technical preparation of clothing production. The importance of technical preparation in managing and directing the production processes of production and the application of computers in the clothing industry.</p>
<p><b>Learning Outcomes:</b></p> <p>Students are trained to apply production procedures for clothing production in accordance with production requirements.</p>
<p><b>Syllabus:</b></p> <p><i>Theory:</i> The subject includes technical preparation tasks in the production of clothing, which include structural, technological and operational preparation of production. The connection between technical preparation and the production process and the description of the stages of forming basic and auxiliary materials into ready-made garments are analyzed. Special emphasis is placed on the development of technological operation plans, production plans and the selection of a rational system of the technological production process, the development of technological process plans and the design of production lines. The usage characteristics of materials for making garments are analyzed, which are important from the aspect of manufacturing technology and quality of garments.</p> <p><i>Practice:</i> Through exercises, students process the elements of clothing production technology. Through calculation tasks, they get the necessary data to perform the technological and operational preparation of production.</p>
<p><b>Required Reading:</b></p> <ol style="list-style-type: none"> <li>1. D. Rogale, D. Ujević, S.F. Rogale, M. Hrastinski; Clothing manufacturing processes; Textile/Technological Faculty, University of Zagreb; 2011.</li> <li>2. D. Rogale, D. Ujević, S.F. Rogale, M. Hrastinski; Clothing production technology with work study; Technical Faculty, University of Bihać; 2000.</li> <li>3. Z. Trajković; Clothing technology – collection of solved problems with fundamentals of theory; Technological Faculty, Leskovac; 1985.</li> <li>4. B. Knez; Technological processes of clothing production; Technological-Textile Faculty; 1990.</li> <li>5. Z. Trajković; Clothing production technology Part I; Technological Faculty, Leskovac; 1997.</li> <li>6. Z. Trajković; Clothing production technology Part II; Technological Faculty, Leskovac; 1998.</li> <li>7. N. Mihajlović; Machines and devices in the clothing industry; ETS, Belgrade; 1985.</li> </ol>

8. G. Nikolić; Mechanisms of machines for clothing production; Textile-Technological Faculty, Zagreb; 2000.
9. G. Nikolić, Ž. Šomođi; Collection of tasks on mechanisms and automation of machines in clothing technology; Textile-Technological Faculty, Zagreb; 1999.

**Weekly Contact Hours:** 6

**Lectures:** 2

**Practical work:** 4

**Teaching Methods:**

Verbal teaching methods. Illustrative teaching methods. Demonstration teaching methods. Methods of practical work; laboratory-experimental methods with the use of computers.

**Knowledge Assessment (maximum of 100 points):**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	10	written exam	20
Practical work		oral exam	30
Preliminary exam(s)	20		
Seminar(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.