Course Unit Descriptor

Study Programme: Clothing engineering

Course Unit Title: Technological processes of sewing clothes

Course Unit Code: OAS133

Name of Lecturer(s): Assistant professor Ineta Nemeša, PhD

Type and Level of Studies: Theoretical and methodological

Course Status (compulsory/elective): Compulsory

Semester (winter/summer): Summer

Language of instruction: English

Mode of course unit delivery (face-to-face/distance learning): Face-to-face

Number of ECTS Allocated: 5

Prerequisites: Doesn't have

Course Aims:

Acquiring knowledge about the correct use of sewing machines, sewing stitches and stitches when sewing clothes.

Learning Outcomes:

Based on the acquired theoretical knowledge about the types of machines and devices that are used in the technological process of sewing clothes, students acquire skills for their independent adequate application in the processes of clothing production, acquire skills for solving various problems that may arise during the industrial production of clothing, as well as acquiring skills for the improvement of the technological process of sewing clothes.

Syllabus:

Theory: Historical development of companies for sewing clothes in the world and in Serbia. Historical development of sewing technique. Classification of groups and types of sewing stitches. Standardization of sewn seams. Sewing thread. Sewing needles. Tuning machines. Process microcomputers on sewing machines. Universal sewing machines. Special sewing machines. Sewing machines. Sewing aggregates. Numerically controlled sewing machines. Sewing robots. Intelligent sewing machines. Organization of work in clothing production lines.

Practice: Through exercises (and a colloquium), students work on specific examples from the technological processes of sewing clothes.

Required Reading:

1. D. Rogale, D. Ujević, S.D. Rogale, M. Hrastinski; Clothing manufacturing processes; Textile-Technological Faculty, University of Zagreb; 2011.
2. D. Rogale, D. Ujević, S.D. Rogale, M. Hrastinski; Clothing production technology with work study; Technical Faculty, University of Bihać; 2000.
3. Z. Trajković; Clothing technology - collection of solved problems with fundamentals of theory; Technological Faculty, Leskovac; 1985.
4. B. Knez; Technological processes of clothing production; Textile-Technological Faculty, Zagreb; 1990.
5. Z. Trajković; Clothing production technology Part I; Technological Faculty, Leskovac, University of Niš; 1997.
6. Z. Trajković; Clothing production technology Part II; Technological Faculty, Leskovac, University of Niš; 1998.
7. N. Mihajlović; Machines and devices in the clothing industry; ETS, Belgrade; 1985.

8. G. Nikolić; Mechanisms of machines for clothing production; Textile-Technological Faculty, Zagreb; 2000.
9. G. Nikolić, Z. Šmodić; Collection of tasks on mechanisms and automation of machines in the clothing industry; Textile-Technological Faculty, Zagreb; 1999.

Weekly Contact Hours: 5	**Lectures:** 2	**Practical work:** 3

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):

Pre-exam obligations	points	**Final exam**	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.