

# COURSE SYLLABUS

<b>University</b>	<b>UNIVERSITY OF ORADEA</b>
<b>Faculty</b>	<b>FACULTY OF ENERGY ENGINEERING AND INDUSTRIAL MANAGEMENT</b>
<b>Study program*</b>	<b>INDUSTRIAL ECONOMIC ENGINEERING</b>

**I. Course Name:** QUALITY CONTROL AND ASSURANCE IN TEXTILES

## II. Course Details

Code	Semester	No of hours/week				Project
		Credits	Lecture	Seminar	Laboratory	
IEMI-0585	8	3	2		1	

**III. Course coordinator (title, name, surname, e-mail):** SECAN CRISTINA, cris\_secan@yahoo.com

## IV. Course objectives

- Familiarization of students with basic concepts and basics in the field of textiles-leather
- Acquiring skills in understanding processes and phenomena

## V. Course content

**No. of hours**

### V.1. Lecture (chapters/subchapters and paragraphs)

1. Concepts regarding the definition of quality   4	4
2. Quality audit	8
3. Technical quality control in garment manufacturing	6
4. Technical quality control in knitting	6
5. Methods for controlling and measuring the quality of clothing products	4

### V.2. Laboratory/Seminar/Project:

1. Reception, storage, and preparation of materials for cutting	2
2. Resistance of seam joints	2
3. Determination of dimensional variations of textile materials and clothing	2
4. Quality control on the manufacturing flow in garment enterprises	2
5. Quality control on the manufacturing flow in knitting enterprises	2
6. Identification of defects, causes, and prevention and remediation measures	2
7. Technical quality control of finished products.	2

## VI. Bibliography

1. Oana I., *Controlul și auditul calității*, Edit. Univ. Din Oradea, 2008.
2. Preda C-tin, *Metode și aparate pentru controlul calității materialelor textile destinate confecționării produselor de îmbrăcăminte*, Edit. BIT, Iași, 1996.
3. Ionescu Luca C., *Legislația și auditarea sistemelor calității*, Editura Performantica Iași, 2007.
4. Moisescu E., *Controlul tehnic de calitate*, Editura “Gh. Asachi” Iași, 2000.
5. Florea A., *Controlul calității*, Editura “Gh. Asachi” Iași, 2002.
6. Oana I., Oana D., *Analiza controlului final al confecțiilor textile*, Annals of the Oradea University Fascicle of Management and Technological Engineering 2006, cod CNCSIS 564.
7. Secan C., *Controlul și auditul calității*, note curs 2023.

## VII. Grading criteria

Activities	Assesment	% of final grade
Exam	Written exam: 1. Requirements in order to get the minimum grade for passing the exam 2. Requirements for the maximum grade	10 subjects, of which 5 are made for the minimum grade, and 10 for the maximum grade
Seminar/Laboratory/ Project		Project presentation

## VIII. Learning outcomes:

- Understanding fundamental concepts in textile quality control and audit.
- Applying quality control methods in textile and garment manufacturing processes.
- Identifying defects and implementing corrective measures.
- Developing competencies in quality assessment and product evaluation.

Course coordinator, Lecturer Eng. PhD Cristina SECAN