| | WEAVING MA | CHINE | ERY AND TECHNIQUES | | | | | | | |
|------|--|--|--|--|--|--|--|--|--|--|
| 1 | Course Title: | WEAVIN | WEAVING MACHINERY AND TECHNIQUES | | | | | | | |
| 2 | Course Code: | TEK404 | 4 | | | | | | | |
| 3 | Type of Course: | Optional | | | | | | | | |
| 4 | Level of Course: | First Cyc | le | | | | | | | |
| 5 | Year of Study: | 4 | | | | | | | | |
| 6 | Semester: | 8 | | | | | | | | |
| 7 | ECTS Credits Allocated: | 3.00 | | | | | | | | |
| 8 | Theoretical (hour/week): | 2.00 | | | | | | | | |
| 9 | Practice (hour/week): | 0.00 | | | | | | | | |
| 10 | Laboratory (hour/week): | 0 | | | | | | | | |
| 11 | Prerequisites: | None | | | | | | | | |
| 12 | Language: | Turkish | | | | | | | | |
| 13 | Mode of Delivery: | Face to f | face | | | | | | | |
| 14 | Course Coordinator: | Prof. Dr. | RECEP EREN | | | | | | | |
| 15 | Course Lecturers: | | | | | | | | | |
| 16 | Contact information of the Course Coordinator: | | | | | | | | | |
| 17 | Website: | | | | | | | | | |
| 18 | Objective of the Course: | 1.10 provide knowledge on terry, velvet and carpet weaving technology. 2.To provide knowledge on terry, velvet and carpet weaving machines and operation of their mechanisms. 3.To provide knowledge on technological developments in terry, velvet and carpet weaving machines. | | | | | | | | |
| 19 | Contribution of the Course to Professional Development: | | | | | | | | | |
| 20 | Learning Outcomes: | | | | | | | | | |
| | | 1 | Being able to understand terry, velvet and carpet weaving technology and machine systems and their practical applications. | | | | | | | |
| | | 2 | Being able to learn development trends in terry, velvet and carpet weaving technology and machine design. | | | | | | | |
| | | 3 | Being able to select a suitable terry, velvet and carpet weaving machine type for a specific application. | | | | | | | |
| | | 4 | Being able to understand adjustments made on terry, velvet and carpet weaving machines. | | | | | | | |
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| 21 | Course Content: | | | | | | | | | |
| | | Co | ourse Content: | | | | | | | |
| Week | Theoretical | | Practice | | | | | | | |
| 1 | Introduction to special woven fabric structures. | | | | | | | | | |

| 2 | Terry fabric technology. | | | | | | | | | | | | | | | | | |
|---------------------------|---|---------------|-----------------|-------------------|-----------------|------------------|---------|----------|-------|--------|----------|----------------------------|---------|---------|-------------|--------|-------|--|
| 3 | Terry fabric technology. | | | | | | | | | | | | | | | | | |
| 4 | Terry fabric technology. | | | | | | | | | | | | | | | | | |
| 5 | Terry fabric technology. | | | | | | | | | | | | | | | | | |
| 6 | Technological developments in terry weaving machines and technology. | | | | | | | | | | | | | | | | | |
| 7 | Tech mach | nolo | gical s and | develo techno | opmer ology. | nts in te | erry w | eavin | g | | | | | | | | | |
| 8 | Welv fabric | etee cs). | en wo | /en fal | oric st | ructure | es (We | eft pile |) | | | | | | | | | |
| 9 | Welvet woven fabric structures produced with the aid of wires. | | | | | | | | | | | | | | | | | |
| 10 | Welvet woven fabric structures produced with the aid of wires.(Midterm exam.) | | | | | | | | | | | | | | | | | |
| 11 | Welv face | et w to fa | oven Ice we | fabric aving | struct princ | ures pi iple. | roduce | ed by | | | | | | | | | | |
| 12 | Woven carpet structures produced with the aid of wires. | | | | | | | | | | | | | | | | | |
| 13 | Wove face | en ca wea | arpet ving n | structu nethoo | ures p d. | roduce | ed by f | ace-to | D- | | | | | | | | | |
| 14 | Wilto techr | n an Iolog | nd Axr gy. | ninste | r wove | en carp | pet | | | | | | | | | | | |
| 22 | Text | book | s, Re | ferenc | es an | d/or Ot | ther | | 1.Z | . J. G | rosicki, | Watso | n's Adv | anced | Textile | Design | | |
| A | Materials: | | | | | | | (Co | ompur | nd Wov | en Stru | ctures), Newnes-Butterwort | | | | S, | | |
| Activit | ctivites | | | | | | | | ſ | Numb | er | | Dura | ition (| Load (hour) | | | |
| Th eg re | hzgreikssesment | | | | | | | | | 14 | | | | 2.00 | | | 28.00 | |
| Practica | Practicals/Labs | | | | | | | | C | 0 | | | | 0.00 | | | 0.00 | |
| Self stu | Self study and preperation | | | | | | | | | 14 | | | | 1.00 | | | 14.00 | |
| Homeworks | | | | | | | | 1 | 1 | | | | 14.00 | | | 14.00 | | |
| Project | ojects | | | | | | | | | 15.00 | | | | 0.00 | | | 0.00 | |
| Field St | ield Studies | | | | | | | | | 0 | | | | 0.00 | | | 0.00 | |
| Midtern | term exams | | | | | | | | | 00 | | | 14.00 | | | 14.00 | | |
| Others | ers | | | | | | | | |) | | | 0.00 | | (| 0.00 | | |
| Einal Ex | nal Exams do | | | | | | | | | 1 | | | 20.00 | | | 20.00 | | |
| Total Work Load | | | | | | | | | | | | | | | 90.00 | | | |
| Total w | otal work load/ 30 hr | | | | | | | | | | | | | | 3.00 | | | |
| ECTS Credit of the Course | | | | | | | | | 1 00 | | | | | | 3.00 | | | |
| weasu | emen | n an | u Eva | านสแบ | тес | nnique | s use | amu | e | | | | | | | | | |
| 24 | ECT | <u>s/</u> | WO | | OAD | ТАВ | LE | | | | | | | | | | | |
| | | | | | TDID | | | | | | | OME | | | | | | |
| 25 | QUALIFICATIONS | | | | | | | | | | | | | | | | | |
| | P | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ1 | PQ11 | PQ12 | PQ1 | PQ14 | PQ15 | PQ16 | |
| ÖK1 | 4 | ŀ | 4 | 3 | 4 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | |
| ÖK2 | 4 | Ļ | 4 | 3 | 4 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | |
| ÖK3 | 5 | 5 | 5 | 4 | 5 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | |

| ÖK4 | 5 | 5 | 4 | 5 | 2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 5 |
|--|---|---|---|-------|----------|---|---|--------|---|---|-------------|---|---|---|---|---|
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contrib 1 very low ution Level: | | | | 2 Iow | 3 Medium | | | 4 High | | | 5 Very High | | | | | |