

No. 45

| Course syllabus for First cycle studies | | | | | |
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| 1. | Course title | Quality Management | | | |
| 2. | Code | CDE8M4 | | | |
| 3. | Study Program | Clothing Design and Engineering | | | |
| 4. | Study program organizer (unit, institute, department, division) | Faculty of Technology and Metallurgy, Institute of Textile Engineering | | | |
| 5. | Degree (first, second, third cycle) | First | | | |
| 6. | Academic year / semester | 2 year 3 semester | 7. | Number of ECTS | 4 |
| 8. | Instructors | Prof. Dr. Igor Jordanov | | | |
| 9. | Prerequisites for course enrollment | Pre-treatment and finishing of textiles and clothing (verified) | | | |
| 10. | Objectives of the course syllabus (competences): To master the modern methodology of the quality assurance system so that it can be designed and implemented in practice. Acquired skills (competences): | | | | |
| 11. | Content of the course: Modern terminology for quality. Philosophy of total quality management. Quality assurance system. Development of standardization. Marketing aspect towards quality. Methods, techniques and tools in defect-free production. Costs for quality. Motivation, education and training for quality. | | | | |
| 12. | Study methods: lectures and consultations, laboratory exercises, homework, home study (exam preparation) | | | | |
| 13. | Total available time | 120 | | | |
| 14. | Allocation of available time | | | | |
| 15. | Teaching activities | 15.1. | Lectures theoretical teaching | | 30 |
| | | 15.2. | Exercises (laboratory, numerical, seminars, teamwork) | | 15 |
| 16. | Other types of activities | 16.1. | Projects | | |
| | | 16.2. | Independent tasks | | 20 |
| | | 16.3. | Homework and self-learning | | 55 |

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| 17. | Grading system | | | | | |
| 17.1. | Test | | | | 80 points | |
| 17.2. | Successfully realized laboratory/auditory exercises | | | | 10 points | |
| 17.3. | Individual work/homework | | | | 5 points | |
| 17.4 | Participation | | | | 5 points | |
| 18. | Grading criteria (points/grade) | Up to 61 points | 5 (five) (F) | | | |
| | | From 61 to 69 points | 6 (six) (E) | | | |
| | | From 70 to 79 points | 7 (seven) (D) | | | |
| | | from 80 to 89 points | 8 (eight) (S) | | | |
| | | From 90 to 95 points | 9 (nine) (B) | | | |
| | | from 95 to 100 points | 10 (ten) (A) | | | |
| 19. | Prerequisites for taking the final exam | | 11 points minimum from 17.2 – 17.4 | | | |
| 20. | Language in which lectures are conducted | | English | | | |
| 21. | Method for monitoring the quality of lectures | | Survey | | | |
| 22. | LITERATURE | | | | | |
| | 22.1. | Compulsory literature | | | | |
| | | No. | Author | Title | Publisher | Year |
| | | 1. | N.Mukherjee | Total Quality Management | Prentice Hall, New Delhi | 2006 |
| | | 2. | | | | |
| | | 3. | | | | |
| | 22.2. | Additional literature | | | | |
| | | No. | Author | Title | Publisher | Year |
| | | 1. | M.Zairi | Total Quality management for engineers | Woodhead Publishing Limited, England | 1991 |
| | | 2. | | | | |
| | | 3. | | | | |