



Course Specifications : Elective Course-6 - TXE مواصفات ومقاييس

A Ifarabi for Quality Assurance and Accreditation System - at 29/1/2012 12:50 PM

University : Mansoura University

Faculty : Faculty of Engineering

Department : Weaving and Textile

1- Course Data

Course Code : 6426TXE Course Title : Elective Course-6 - TXE مواصفات ومقاييس Study Year : رابعة غزل ونسيج

Specialization : Textile Engineering

Teaching Hours:

Lecture : 2

Tutorial : 2

Practical : Total : 4.0 (hour/week)

2- Course Aim

For students undertaking this course, the aims are to:

2.1- 10) Communicate effectively.

2.2- 17) Manage the quality assurance and create effective procedures to supervise the production quality.

3- Intended Learning Outcomes of Course (ILOS)

a- Knowledge and Understanding

On completing this course, students will be able to:

a- a1) Description of the methodologies to solve engineering problems.

a- a2) Quality assurance systems, codes of practice and standards, health and safety requirements and environmental issues.

b- Intellectual Skills

At the end of this course, the students will be able to:

b- b1) Assess and evaluate effectively the characteristics and performance of components, systems and processes.

b- b2) Reach engineering judgments considering balanced costs, benefits, safety, quality, reliability, and environmental impact.

c- Professional Skills

On completing this course, the students are expected to be able to:

c- c1) Demonstrate project management skills.

c- c2) Perform laboratory experiments, records & analyze data, and write technical reports.

d- General Skills

At the end of this course, the students will be able to:

d- d1) Work in stressful environment and within constraints.

d- d2) Manage tasks and resources.

4- Course Contents

No.	Topics
1	Basic definitions
2	The importance of measuring and its benefits
3	Specification preparation and specification acceptance
4	Specification writing
5	Systems of quality control
6	The practical effect of specifications in the industry
7	Consumer protection.

5- Teaching and Learning Methods

5.1- Lectures

5.2- Reports

6- Teaching and Learning Methods of Disables

6.1- none.

7- Student Assessment**a- Student Assessment Methods**

1	Asking to assess a-1, a-2
2	Oral to assess a-1, a-2, b-1, b-2
3	Reports to assess c-1, c-2, d-1, d-2
4	Mid- Term and Final Exam to assess a-1, a-2, b-1, b-2, d-1, d-2

b- Assessment Schedule

No.	Assessment	Week
1	Asking	every 3 weeks
2	Oral	every 3 weeks
3	Reports	every 4 weeks
4	Mid- Term and Final Exam	after 7 weeks and 14 weeks

c- Weighting of Assessments

Assessment	Weight
Mid Term Examination	10 %
Final Term Examination	70 %
Oral Examination	5 %
Practical Examination	0 %
Semester work	15 %
Other types of assessment	0 %
Total	100 %

8- List of References**a- Recommended Books**

- 1- ASTM
- 2- ISO 1000 - SI الوحدات الدولية

9- Matrix of Knowledge and Skills

No.	Topics	week	Knowledge	Intellectual Skills	Professional Skills	General and Transferable Skills
1	Basic definitions	1	a-1, a-2	b-1		
2	the importance of measuring and its benefits	2		b-1	c-2	d-2
3	Specification preparation and specification acceptance	3,4	a-1, a-2	b-2	c-1	
4	specification writing	5,6	a-1, a-2	b-2	c-2	d-1
5	systems of quality control	7,8	a-1	b-1	c-1	d-2
6	the practical effect of specifications in the industry	9,10,11,12	a-2	b-1, b-2	c-1	d-1
7	consumer problems	13,14	a-1, a-2	b-1	c-2	

- Course Coordinator : أ.د. حمدان عبده على ابو طالب

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