



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Certification of Gemstones							
Course Code		KTT234		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Certification process in jewels and stones This course is aimed to explain the significance.							
Course Content		Certificate types, discusses issues such as criteria and printing methods.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Case Study, Project Based Study, Individual Study, Problem Solving					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Murat Hatipoglu, Color Precious Stones
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Week	Weekly Detailed Course Contents	
1	Theoretical	The concept of certificates of gem stones.
2	Theoretical	The importance of certification.
3	Theoretical	international jewelry carry the issuing institutions.
4	Theoretical	National jewelry carry the issuing institutions.
5	Theoretical	Jewelry carries certificate types.
6	Theoretical	Stones and criteria that should be given certificates carry jewelry.
7	Theoretical	Certification criteria (specific gravity)
8	Theoretical	Certification criteria (refractive index)
9	Theoretical	Certification criteria (Optical peak band values)
10	Theoretical	Certification criteria (transparency, UV, crystal system, Weight)
11	Theoretical	Diamond certification and criteria (4C)
12	Theoretical	Diamond certification and criteria (4C)
13	Theoretical	Certificate printing applications.
14	Theoretical	Certificate printing applications.

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	1	1	28
Project	2	0	4	8
Studio Work	1	0	5	5
Midterm Examination	1	8	2	10
Final Examination	1	8	2	10
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	The concept of certification and to learn the importance of gem stones.
2	Certification to use the materials and printing equipment
3	Being able to print a certificate to gem stones.



4	To be able to use gemology laboratory.
5	To be able to prepare diamond certificate.

Programme Outcomes (*Jewellery and Jewellery Design*)

1	-
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-
11	-
12	-
13	-
14	-
15	-
16	-
17	-

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	3	3	3	3	3
P2	4	4	4	4	4
P3	4	4	4	4	4
P8	5	5	5	5	5
P11	5	5	5	5	5
P12	5	5	5	5	5

