



AYDIN ADNAN MENDERES UNIVERSITY
KARACASU MEMNUNE İNCI VOCATIONAL SCHOOL
HANDICRAFTS
JEWELLERY AND JEWELLERY DESIGN
COURSE INFORMATION FORM

Course Title	Definitional Gemology								
Course Code	KTT219			Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	By definition, it is intended to describe the gemological characteristics of gem stones.								
Course Content	Coloration in gem stones, refraction, reflection, and pleochroism microscope types are explained theoretically.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading	
1	Murat Hatipoğlu, Ornamental Stones Mineralogy

Week	Weekly Detailed Course Contents	
1	Theoretical	What is Gemology.
2	Theoretical	The content of gemology (operations).
3	Theoretical	International terms of gemology.
4	Theoretical	Gemstone components.
5	Theoretical	Turkish gem stones.
6	Theoretical	Classification of gemstones, Formative classification.
7	Theoretical	Genetic classification.
8	Theoretical	Commercial classification.
9	Theoretical	Real classification.
10	Theoretical	Grouping.
11	Theoretical	Quartz group gemstones.
12	Theoretical	Corundum, Beryl, Tourmaline group gem stones.
13	Theoretical	Chrysoberyl, Spodumen, garnet gemstones.
14	Theoretical	Feldspar, pyroxene, amphibole group gem stones.

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	1	0	5	5
Midterm Examination	1	12	2	14
Final Examination	1	12	2	14
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes	
1	Gemology is the science of learning as conceptual
2	Learning the formation and classification of gem stones
3	Learning the terminology Gemology.
4	Learning the gemstone groups.



5	To be able to learn international terms.
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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
P8	5	5	5	5	5
P11	5	5	5	5	5
P12	5	5	5	5	5

