



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Knowledge of Diamond							
Course Code		KTT117		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The student, the geological formation of the diamond, evaluation criteria, the diamond market, machining centers and is intended to teach how processed.							
Course Content		In this course, the process until the sale of the processed diamond, 4C, diamond processing machines and apparatus, discusses issues such as the Rapaport.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, 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 Hatipoğlu, Diamond Terminology
2	Rapaport.net (website)

Week	Weekly Detailed Course Contents	
1	Theoretical	Diamond terminology.
2	Theoretical	Mineralogical characteristics of diamonds.
3	Theoretical	The formation and discovery of diamonds.
4	Theoretical	Classification of uncut diamonds.
5	Theoretical	The gemological characteristics of diamonds and wet process.
6	Theoretical	Diamond 4C Cut
7	Theoretical	Diamond 4C Colour
8	Theoretical	Diamond 4C Clarity
9	Theoretical	Diamond 4C Carat
10	Theoretical	Diamond processing machinery and tools
11	Theoretical	Diamond processing machinery and tools
12	Theoretical	Diamond processing method
13	Theoretical	Diamond processing method
14	Theoretical	Rapaport features and Investigation

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	3	42
Seminar	2	0	2	4
Term Project	2	4	2	12
Midterm Examination	1	5	2	7
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	Diamond to learn the geological and mineralogical properties.
2	To teach the concept of Diamond 4C.



3	To learn the safe use of diamond processing machinery and equipment.
4	Diamond - To understand the relationship Rapaport
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
P11	5	5	5	5	5
P12	5	5	5	5	5

