



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|---|----------------------|--|---|----------------------------------|---|------------|---|
| Course Title | | Decorative Precious Stone Lapidary | | | | | | | |
| Course Code | | KTT204 | | Course Level | | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 5 | Workload | 125 (<i>Hours</i>) | Theory | 4 | Practice | 2 | Laboratory | 0 |
| Objectives of the Course | | Vocational high school students who, from the decorations and ornamental stones by breaking research and design in this direction is intended to learn cleavage aspects of stone processing decorative objects. | | | | | | | |
| Course Content | | This course describes the precious stones and ornaments, decorative objects and construction techniques. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Experiment, Demonstration, Case Study, Project Based Study | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

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

Recommended or Required Reading

| | |
|---|---|
| 1 | Gem stone processing plant and equipment (diamond disks, abrasive powders, markers, templates, drop, stabilizers, milling motors, diamond cutters). |
|---|---|

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Gemstone mineralogy. |
| 2 | Theoretical | Gemstone mineralogy. |
| 3 | Practice | Precious stones and diffraction to determine the direction of cleavage, cleavage and precious stones according to the diffraction direction to pieces. |
| 4 | Practice | Related objects to be processed in the electronic and written media research. |
| 5 | Practice | To select the object to be processed and design. |
| 6 | Practice | According to the object to be processed precious stones cut to the desired size. |
| 7 | Practice | Cut precious stone will be used to handle the parts, precious stone, to draw the contour lines according to the size of the object to be made. |
| 8 | Practice | According to hew precious stone contour lines. |
| 9 | Practice | According to hew precious stone contour lines. |
| 10 | Practice | On precious stones, according to the form of the object to be processed with the help of drilling, milling, engraving, making the chipping process. |
| 11 | Practice | On precious stones, according to the form of the object to be processed with the help of drilling, milling, engraving, making the chipping process. |
| 12 | Practice | To determine the size according to the objects and precious stone grinding size. |
| 13 | Practice | Make the sanding of the processed objects. |
| 14 | Practice | Make the wax objects made of sandpaper. |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 4 | 56 |
| Lecture - Practice | 14 | 0 | 2 | 28 |
| Term Project | 2 | 5 | 6 | 22 |
| Project | 1 | 0 | 5 | 5 |
| Midterm Examination | 1 | 4 | 2 | 6 |



| | | | | |
|---|---|---|---|-----|
| Final Examination | 1 | 6 | 2 | 8 |
| Total Workload (Hours) | | | | 125 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

| | |
|---|---|
| 1 | To make the design according to Gemstones |
| 2 | To select the appropriate gemstone by Design |
| 3 | Exploring objects made of precious stones in the world to win new ideas |
| 4 | Advancing the dexterity to be able to add a new dimension |
| 5 | Learn to use the precious stone processing apparatus and processing apparatus according to create new |

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 | 2 | | 2 | 2 | 2 |
| P2 | 2 | 2 | 2 | 2 | 2 |
| P3 | 2 | 2 | 2 | 2 | 2 |
| P4 | 1 | 1 | 1 | 1 | 1 |
| P5 | 2 | 2 | 2 | 2 | 2 |
| P6 | 1 | 1 | 1 | 1 | 1 |
| P7 | 1 | 1 | 1 | 2 | 2 |
| P8 | 5 | 5 | 5 | 5 | 5 |
| P9 | 1 | 1 | 1 | 1 | 1 |
| P10 | 1 | 1 | 1 | 1 | 1 |
| P11 | 5 | 5 | 5 | 5 | 5 |
| P12 | 5 | 5 | 5 | 5 | 5 |
| P13 | 1 | 1 | 1 | 1 | 1 |
| P14 | 1 | 1 | 1 | 1 | 1 |
| P15 | 1 | 1 | 1 | 1 | 1 |
| P16 | 1 | 1 | 1 | 1 | 1 |
| P17 | 1 | 1 | 1 | 1 | 1 |

