



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

|  |  |          |            |              |   |                                  |   |            |   |
|--|--|----------|------------|--------------|---|----------------------------------|---|------------|---|
| Course Title                                     | Digital Jewelry Modeling I   |          |            |              |   |                                  |   |            |   |
| Course Code                                      | KTT109   |          |            | Course Level |   | Short Cycle (Associate's Degree) |   |            |   |
| ECTS Credit                                      | 3  | Workload | 75 (Hours) | Theory       | 2 | Practice                         | 2 | Laboratory | 0 |
| Objectives of the Course                         | Dissemination of Information Technology use, to increase computer literacy, Operating System, Word Processing, Spreadsheets, preparing presentation and to become experienced in using internet.   |          |            |              |   |                                  |   |            |   |
| Course Content                                   | Information technologies, basic concepts related to software and hardware, operating systems, word processing programs, spreadsheet programs, data presentation, using internet in education, effects on the social structure of information technology and education, information systems security and related ethical concepts, design make, model transfer. |          |            |              |   |                                  |   |            |   |
| Work Placement                                   | N/A  |          |            |              |   |                                  |   |            |   |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Demonstration, Discussion, Project Based Study, Individual Study, Problem Solving  |          |            |              |   |                                  |   |            |   |
| Name of Lecturer(s)                              | Ins. Servet AKAR   |          |            |              |   |                                  |   |            |   |

#### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 40             |
| Final Examination   | 1        | 60             |

#### Recommended or Required Reading

|   |          |
|---|----------|
| 1 | Internet |
|---|----------|

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Recognition of computer software and hardware                         |
| 2    | Theoretical                     | Recognition of the functions of the software installed on your system |
| 3    | Theoretical                     | Installing the program on the system                                  |
| 4    | Theoretical                     | Modeling Program and types  |
| 5    | Theoretical                     | 3d modeling issues to be considered in making                         |
| 6    | Theoretical                     | Creating linear patterns on program                                   |
| 7    | Practice                        | Solid lines Conversion  |
| 8    | Theoretical                     | Removing the pattern lines  |
| 9    | Theoretical                     | Solid lines Conversion  |
| 10   | Practice                        | Using commands on Design  |
| 11   | Practice                        | Design dimensioning   |
| 12   | Theoretical                     | Take the modeling process rendering of the finished drawing           |
| 13   | Practice                        | Take the modeling process rendering of the finished drawing           |
| 14   | Theoretical                     | Drawing ready to come out of the machine.                             |

#### Workload Calculation

| Activity                              | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory                      | 14       | 0           | 2        | 28             |
| Lecture - Practice                    | 14       | 0           | 2        | 28             |
| Midterm Examination                   | 1        | 5           | 4        | 9              |
| Final Examination                     | 1        | 6           | 4        | 10             |
| Total Workload (Hours)                |          |             |          | 75             |
| [Total Workload (Hours) / 25*] = ECTS |          |             |          | 3              |

\*25 hour workload is accepted as 1 ECTS

#### Learning Outcomes

|   |   |
|---|---|
| 1 | They understand basic hardware and software components and their functions as detailed in a computer system |
| 2 | Be able to carry 3D modeling programs   |



|   |   |
|---|---|
| 3 | 3D Modeling commands in the program will be able to move.                             |
| 4 | The computer will have the ability to draw on.  |
| 5 | They completed the drawings on the computer will be able to create a visual finished. |

**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 |
|-----|----|----|----|----|----|
| P4  | 5  | 5  | 5  | 5  | 5  |
| P5  | 5  | 5  | 5  | 5  | 5  |
| P10 | 5  | 5  | 5  | 5  | 5  |

