

 **ESOGÜ Mechanical Engineering Department**

**COURSE INFORMATION FORM**

|  |  |
| --- | --- |
| **SEMESTER** |   |

|  |  |  |  |
| --- | --- | --- | --- |
| **COURSE CODE** |   | **COURSE NAME** |   |

|  |  |  |
| --- | --- | --- |
| **SEMESTER** | **WEEKLY COURSE PERIOD** | **COURSE OF** |
| **Theory** | **Practice** | **Labratory** | **Credit** | **ECTS** | **TYPE** | **LANGUAGE** |
|   |   |   |   |   |   | COMPULSORY [ ]  ELECTIVE [ ]  |  |
| **COURSE CATAGORY** |
| **Basic Science** | **Basic Engineering** | **Mechanical Engineering Profession** **[if it contains considerable design, mark with (√) ]** | **Social Science** |
|  |  |  [ ]  |  |
| **ASSESSMENT CRITERIA** |
| **MID-TERM** | **Evaluation Type** | **Quantity** | **%** |
| 1st Mid-Term |  |  |
| 2nd Mid-Term |  |  |
| Quiz |  |   |
| Homework |  |  |
| Project |   |   |
| Report |  |  |
| Others (………) |  |  |
| **FINAL EXAM** |   |  |  |
| **PREREQUIEITE(S)** |  |
| **COURSE DESCRIPTION** |  |
| **COURSE OBJECTIVES** |  |
| **ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUATION** |  |
| **COURSE OUTCOMES** |  |
| **TEXTBOOK** |   |
| **OTHER REFERENCES** |   |
| **TOOLS AND EQUIPMENTS REQUIRED** |   |

|  |
| --- |
| **COURSE SYLLABUS** |
| **WEEK** | **TOPICS**  |
| 1 |   |
| 2 |   |
| 3 |   |
| 4 |   |
| 5 |   |
| 6 |   |
| 7 |   |
| 8 |   |
| 9 |   |
| 10 |   |
| 11 |   |
| 12 |   |
| 13 |   |
| 14 |   |
| 15,16 |   |

DİKKAT!... Aşağıdaki PROGRAM ÇIKTILARI Mühendislik için yazılmıştır. BÖLÜM kendi eğitim amaç ve hedeflerini destekleyen Program Çıktılarını belirledikten sonra bu kısım hazırlanmalıdır. ŞABLON OLARAK KULLANMAYINIZ

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO** | **PROGRAM OUTCOMES**  | **3** | **2** | **1** |
| 1 | Sufficient knowledge of engineering subjects related with mathematics, science and own branch; an ability to apply theoretical and practical knowledge on solving and modeling of engineering problems. |[ ] [ ] [ ]
| 2 | Ability to determine, define, formulate and solve complex engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods. |[ ] [ ] [ ]
| 3 | Ability to design a complex system, a component and/or an engineering process under real life constrains or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods. |[ ] [ ] [ ]
| 4 | Ability to develop, select and use modern methods and tools required for engineering applications; ability to effective use of information technologies. |[ ] [ ] [ ]
| 5 | In order to investigate engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results. |[ ] [ ] [ ]
| 6 | Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence. |[ ] [ ] [ ]
| 7 | Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language. |[ ] [ ] [ ]
| 8 | Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement. |[ ] [ ] [ ]
| 9 | Understanding of professional and ethical issues and taking responsibility  |[ ] [ ] [ ]
| 10 | Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development. |[ ] [ ] [ ]
| 11 | Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions. |[ ] [ ] [ ]
| **1**:None. **2**:Partially contribution. **3**: Completely contribution. |

**Instructor(s):**

**Signature**:  **Date:**

|  |  |
| --- | --- |
|   |   |