

**ESOGÜ Mechanical Engineering Department**

**COURSE INFORMATION FORM**

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| **SEMESTER** |  |

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

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| **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** |
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| **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** | | | | |  | | | | | | |

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| **COURSE SYLLABUS** | |
| **WEEK** | **TOPICS** |
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| 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

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| **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:**

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