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| **Semester** |  |

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| --- | --- | --- | --- |
| **Course Code** |  | **Course Name** |  |

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| **Semester** | **Weekly Course Period** | | | | | | **Course’s** | | | | |
| **Theory** | | **Practice** | **Laboratory** | | | **Credit** | **ECTS** | | **Type** | **Language** |
|  |  | |  |  | | |  |  | | Compulsory ( ) Elective ( ) | English |
| **Category** | | | | | | | | | | | |
| **Fundamental Science** | | **Fundamental Engineering** | | | | **Mechanical Engineering Profession**  **[if it contains considerable design, mark with (√) ]** | | | | | **Social Sciences** |
|  | |  | | | |  | | | | |  |
| **Assessment Criteria** | | | | | | | | | | | |
| **Mid-Term** | | | | | **Evaluation Type** | | | | **Quantity** | | **%** |
| 1st Mid-Term | | | |  | |  |
| 2nd Mid-Term | | | |  | |  |
| Quiz | | | |  | |  |
| Homework | | | |  | |  |
| Project | | | |  | |  |
| Report | | | |  | |  |
| Others (………) | | | |  | |  |
| **Final Exam** | | | | |  | | | |  | |  |
| **Prerequisites** | | | | |  | | | | | | |
| **Description** | | | | |  | | | | | | |
| **Objectives** | | | | |  | | | | | | |
| **Additive of Course to Apply Professional Education** | | | | |  | | | | | | |
| **Outcomes** | | | | |  | | | | | | |
| **Textbook** | | | | |  | | | | | | |
| **References** | | | | |  | | | | | | |
| **Requirements** | | | | |  | | | | | | |

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| **Syllabus** | |
| **Week** | **Topics** |
| 1 |  |
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| 14 |  |
| 15,16 |  |

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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, economic 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:** Non**e. 2:** Partially contribution**. 3:** Completely contribution. | | | | |

*Aşağıdaki program çıktısı bölüm/programın yeterliliklerine göre belirlenmiş program kazanımlarıdır. Ulusal ve alan yeterliliklerine göre bu kazanımlar belirlenim çıktı ifadeleri hazırlanacaktır. Program çıktısı sayısı olarak daha az veya fazla ifade yer alabilir.*

……………………….

Instructor …../…../202..   
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