**Eskişehir Osmangazi University, Faculty of Engineering and Architecture**

**Electrical-Elektronics Engineering Department**

**COURSE INFORMATION FORM**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | SEMESTER | Fall/Spring |
| **COURE CODE** | 15122xxxx | **COURSE TITLE** | BÜYÜK HARFLERLE YAZINIZ | | |

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| **SEMESTER IN PROGRAM** | **WEEKLY COURSE HOURS** | | | **COURSE** | | | |
| **THEORY** | **PRACTICE** | **LAB.** | **CREDIT** | **ECTS** | **TYPE** | **LANGUAGE** |
|  |  |  |  |  |  | Required/Elective | English |

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| **ECTS CREDIT DISTRIBUTION** | | | | |
| **Math and Science** | **Basic Engineering** | **Design** | **Electrical-Electronics Engineering** | **Social Studies** |
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| **ASSESSMENT (%)** | | | | | |
| **Midterm Exam** |  | **Lab Performance** |  | **Project** |  |
| **Quizes** |  | **Lab Preliminary Work** |  | **Oral Exam** |  |
| **Homework** |  | **Lab Reports** |  | FINAL EXAM |  |

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| **RECOMMENDED PREREQUISITES** | | NONE |
| **BRIEF CONTENTS** | | Haftalık dağılıma uygun yazınız |
| **COURSE OBJECTIVES** | |  |
| **CONTRIBUTION TO VOCATIONAL EDUCATION** | | Aşağıdaki Program çıktılarından uygun olanlardan en fazla üç tane yazınız |
| **LEARNING OUTCOMES** | |  |
| **TEXTBOOK** | | Bir veya iki tane |
| **REFERENCES** | | En fazla üç tane |
| **MATERIALS** | | Öğrencinin derse getirmesi gereken gereçleri yazınız |
| WEEKLY **COURSE PLAN** | | |
| **WEEK** | **SUBJECTS** | |
| 1 |  | |
| 2 |  | |
| 3 |  | |
| 4 |  | |
| 5 |  | |
| 6 |  | |
| 7 |  | |
| 8 | MIDTERM EXAMS | |
| 9 |  | |
| 10 |  | |
| 11 |  | |
| 12 |  | |
| 13 |  | |
| 14 |  | |
| 15 |  | |
| 16,17 | FINAL EXAMS | |

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| **NO** | **COURSE CONTRIBUTION TO THE PROGRAM OUTCOMES** | **CONTRIBUTION LEVEL** | | |
| **1 low** | **2 med** | **3 high** |
| 1 | Adequate knowledge of mathematics, science and Electrical and Electronic Engineering; ability to practice theoretical and practical knowledge of these areas into modeling and solving complex problems of Electrical and Electronic Engineering |  |  |  |
| 2 | Ability to identify complex engineering problems in Electrical and Electronic Engineering and related fields, for this purpose having skills to formulate, select and apply appropriate methods. |  |  |  |
| 3 | Skills to apply modern design methods to design a complex system, process, equipment or product that should work under realistic conditions and constraints and satisfy specific requirements concerning the Electrical and Electronic Engineering |  |  |  |
| 4 | Skills to develop, select and apply modern techniques and tools needed to analyze and solve complex applications in Electrical and Electronic Engineering, skills to use information technology effectively. |  |  |  |
| 5 | Skills to design and conduct tests, collect data, analyze results, and interpret data for the experimental investigation of complex problems in Electrical and Electronic Engineering |  |  |  |
| 6 | Ability to function effectively as an individual and as a member of teams within the discipline and in multidiscipline areas. |  |  |  |
| 7 | Communicating effectively in oral and written form both in Turkish and English. Effective report writing and understanding written reports, preparing design and manufacturing reports, making effective presentations, skills to give and receive clear and concise instructions |  |  |  |
| 8 | Awareness of the necessity of lifelong learning, access to information, monitoring developments in science and technology and the ability to self-renewing |  |  |  |
| 9 | Understanding of professional and ethical responsibility |  |  |  |
| 10 | Information on project management, change management and risk management practices, awareness on entrepreneurship and innovation, knowledge on sustainable development. |  |  |  |
| 11 | Information about universal and societal effects of engineering applications on health, safety and environment; awareness of the legal consequences of engineering solutions. |  |  |  |

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| **Instructor:** |  | **Date of update:** | **11.11.2019** |