

BASIC PHYSICS II

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| 1 | Course Title: | BASIC PHYSICS II |
| 2 | Course Code: | FZK1072 |
| 3 | Type of Course: | Compulsory |
| 4 | Level of Course: | First Cycle |
| 5 | Year of Study: | 1 |
| 6 | Semester: | 2 |
| 7 | ECTS Credits Allocated: | 6.00 |
| 8 | Theoretical (hour/week): | 3.00 |
| 9 | Practice (hour/week): | 0.00 |
| 10 | Laboratory (hour/week): | 2 |
| 11 | Prerequisites: | There is no course prerequisite |
| 12 | Language: | Turkish |
| 13 | Mode of Delivery: | Face to face |
| 14 | Course Coordinator: | Doç. Dr. Hüseyin Ovalıoğlu |
| 15 | Course Lecturers: | |
| 16 | Contact information of the Course Coordinator: | Doç. Dr. Hüseyin OVALIOĞLU E-mail: ovali@uludag.edu.tr İş Tel: 0 224 29 41 691 Adres: Bursa Uludağ Üniversitesi Fen Edebiyat Fakültesi Fizik Bölümü, 16059 Görükle Kampüsü BURSA |
| 17 | Website: | |
| 18 | Objective of the Course: | The aim of this course is to teach concepts related to electricity and magnetism , to explain electricity laws and relation of between the physical concepts. To teach how is applied the physic laws to solve the problems. |
| 19 | Contribution of the Course to Professional Development: | The aim of this course is to teach concepts related to electricity and magnetism , to explain electricity laws and relation of between the physical concepts. To teach how is applied the physic laws to solve the problems. |
| 20 | Learning Outcomes: | |
| | 1 | The student can solve engineering problems by using the basic concepts of electricity and magnetism. |
| | 2 | The student can produce the solution to complex problems. |
| | 3 | The student can follow the scientific developments. |
| | 4 | The student can reinforce own information by doing the experiments in laboratory |
| | 5 | The student can be analyzed the results.and can be interpret. |
| | 6 | The student know the working principle of the basic circuit elements |
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| 21 | Course Content: | |
| | Course Content: | |
| Week | Theoretical | Practice |

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| ÖK3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK4 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ÖK6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LO: Learning Objectives PQ: Program Qualifications | | | | | | | | | | | | | | | | |
| Contribution Level: | 1 very low | | | 2 low | | | 3 Medium | | | 4 High | | | 5 Very High | | | |