**SYLLABUS**

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| --- | --- | --- | --- |
| Course Type | | Required | |
| Course Code | | EE305 | |
| Course Name | Korean | 전자설계 및 실험 | |
| Course Name | English | Introduction to Electronics Design Lab | |
| Name | | 장래혁 | |
| Lecture:Exp.:Credit(Homework) | | 1:6:3 (6) | |
| Mutually Recognized Course(BS/MS) : ( X ) | | | Term : Fall |
| Descriptions  of Courses | EE305 consists of basic experiments on analog circuits and three additional sets of interdisciplinary experiments incorporating various aspects of electrical engineering such as digital logic design, programming, light emitting diodes (LEDs), filter design, digital communications, electro-magnetic theory, sound wave generation, and equalizer design. | | |

•Schedule

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| Period | Topics | Remarks |
| Week 1 | Introduction |  |
| Week 2 | Lab assignment |  |
| Week 3 | Soldering, Audio amplifier | Basic experiment |
| Week 4 | No experiments (추석) |  |
| Week 5 | Speaker I | Set 1 |
| Week 6 | Speaker II | Set 1 |
| Week 7 | Midterm exam period |  |
| Week 8 | Speaker III | Set 1 |
| Week 9 | Calculator I | Set 2 |
| Week 10 | Calculator I | Set 2 |
| Week 11 | Calculator II | Set 2 |
| Week 12 | Visible light communication I | Set 3 |
| Week 13 | Visible light communication II | Set 3 |
| Week 14 | Visible light communication III | Set 3 |
| Week 15 | No experiments |  |
| Week 16 | Final exam period |  |

\* Laboratory topics should be given in Remark for courses with lab hours.

Name of Professor : Sign

Chairman : Sign