## Course Syllabus

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| **Code - Course Title** | **ÇYA507 - Sound Design** |
| **Course Type** | I. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **6.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | H.Alper MARAL |

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| **Mode of Delivery** | This course will online and face-to-face training. |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | There are no lessons related with the suggested lesson. |
| **Recommended Resources** | There is no compulsory source. The required materials will be provided to the students. |
| **Work Placement** | This is not appropriate for the course. |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Description of "Sound Design" and Explanation of Basic Purpose with Examples | |
| **Week - 2** | | Basic Sound Design Principles | |
| **Week - 3** | | Basic Visual Design Principles | |
| **Week - 4** | | Analysis of Simple Designs 1 | |
| **Week - 5** | | Musical Instrument Design in the 20th Century and Beyond 1 | |
| **Week - 6** | | Musical Instrument Design in the 20th Century and Beyond 2 | |
| **Week - 7** | | Developments in the World of Musical Instrument Technology | |
| **Week - 8** | | Use of Technology and Material in Musical Instrument Design 1 | |
| **Week - 9** | | Use of Technology and Material in Musical Instrument Design 2 | |
| **Week - 10** | | Determination of Final Project or Article | |
| **Week - 11** | | Ergonomics and Usability in Musical Instrument Design, Final Project 1 | |
| **Week - 12** | | Originality & Production Cost in Instrument Making | |
| **Week - 13** | | Giving Sample In The Process of Psychology In Instrument Design | |
| **Week - 14** | | Final Paper/Project Presentation | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | I. Having knowledge about traditional methods. II. Having knowledge about developing technologies. III. Contributing to the project by using interdisciplinary design methods. IV. Contributing to the project by using the possibilities of developing technology. |
| 2 | Have knowledge about the use of parameters of sound |
| 3 | Have the awareness to use sound elements in their designs. |
| 4 | To have knowledge about the use of sound design elements in the perspective of instrument making |

## Sustainable Development Goals

*No content has been provided.*

## Course Theme

*No content has been provided.*

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| Teorik Derse Katılım | 0 | 0 | 0 |
| Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı) | 0 | 0 | 0 |
| Ödevler | 0 | 0 | 0 |
| Proje - Rapor - Sunum Hazırlama | 0 | 0 | 0 |
| Ara Sınav Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Final Sınavı Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.) | 0 | 0 | 0 |
| Staj Uygulaması | 0 | 0 | 0 |
| | | **Calculated ECTS** | **0** |

## Assessment Method and Passing Requirements

*No content has been provided.*