## Course Syllabus

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| **Code - Course Title** | **FKM543 - Working Safely in Laboratory** |
| **Course Type** | II. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **6.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |
| **Course Instructor(s)** | PROF. DR. AHMET ÖZDEMİR |

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|---|---|
| **Mode of Delivery** | Face to face |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Recommended Resources** | Laboratuvarda Güvenli Çalışma, Prof. Dr. Ayhan Yılmaz, Hacettepe Üniversitesi Yayınları, Ankara, 2015. |
| **Work Placement** | Not applicable |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Bases of secure working in laboratory | |
| **Week - 2** | | Laboratory Glassware, Ceramics and Plastics | |
| **Week - 3** | | Technics of laboratory | |
| **Week - 4** | | Classification of hazardous substances | |
| **Week - 5** | | Safe Storage of Hazardous Chemicals | |
| **Week - 6** | | General Laboratory Rules | |
| **Week - 7** | | Laboratory safety and emercency | |
| **Week - 8** | | Awareness of Chemical Hazards | |
| **Week - 9** | | Waste Management | |
| **Week - 10** | | Reduce Environmental Risks | |
| **Week - 11** | | Labelling of chemicals | |
| **Week - 12** | | Fire Safety in Laboratory | |
| **Week - 13** | | Equipment Used in Laboratory | |
| **Week - 14** | | Emergency Management | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Glass materials are distinguished. |

## 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.*