## Course Syllabus

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| **Code - Course Title** | **ECZ884 - Quality Management of Drug** |
| **Course Type** | X. SEMESTER |
| **Laboratory + Practice** | 1+0 |
| **ECTS** | **1.5** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Specialization Courses |
| **Course Instructor(s)** | PROF. DR. MÜZEYYEN DEMİREL |

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| **Mode of Delivery** | The mode of delivery of this course is face to face |
| **Prerequisites** | There is no prerequisite or co-requisite for this course |
| **Courses Recomended** | There is no recommended optional programme component for this course |
| **Recommended Resources** | Quality Systems and Control for Pharmaceuticals, Ed. Dipak K. Sarker, John Wiley & Sons Ltd, 2008 |
| **Work Placement** | Practical training is not required for this programme |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Quality Management of Pharmaceuticals | |
| **Week - 2** | | Quality Assurance of Pharmaceuticals and Processes | |
| **Week - 3** | | Pre-Manufacturing Processes | |
| **Week - 4** | | Manufacturing Processes | |
| **Week - 5** | | Post-Manufacturing Processes | |
| **Week - 6** | | Quality Documents | |
| **Week - 7** | | Good Manufacturing Practices (GMP) | |
| **Week - 8** | | Good Manufacturing Practices (GMP) | |
| **Week - 9** | | Quality Control (QC) of Pharmaceuticals | |
| **Week - 10** | | Quality Systems and Risk Management | |
| **Week - 11** | | Documentation | |
| **Week - 12** | | Validation | |
| **Week - 13** | | Development of New Products | |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 14** | | Standard Operating Procedures (SOP) | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| **1** | will be able to plan the quality management of pharmaceuticals |
| **2** | will be able to categorize the quality assurance of pharmaceuticals and processes |
| **3** | will be able to describe the good manufacturing practices (GMP) |
| **4** | will be able to identify the quality control (QC) of pharmaceuticals |

## 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.*