## Course Syllabus

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|---|---|
| **Code - Course Title** | **FOT104U -** |
| **Course Type** | II. SEMESTER |
| **Laboratory + Practice** | 3+0 |
| **ECTS** | **4.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Required Courses |

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|---|---|
| **Mode of Delivery** | Distance Education |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |
| **Courses Recomended** | There are no recommended courses. |
| **Work Placement** | Not Applicable |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | From mechanical to digital technology, techniques of picturing on a surface | |
| **Week - 2** | | Digital photography, from film to digital, pros and cons of digital technology | |
| **Week - 3** | | Digital photo produvtion process, Principles of digital cameras | |
| **Week - 4** | | Types of digital cameras | |
| **Week - 5** | | Image sonsors | |
| **Week - 6** | | Image sonsors types, File types | |
| **Week - 7** | | Midterm Exam | |
| **Week - 8** | | Focus and ISO speed systems, White balance systems | |
| **Week - 9** | | Flash control systems | |
| **Week - 10** | | New oppurtunities in shooting process | |
| **Week - 11** | | New oppurtunities in digital post-shooting | |
| **Week - 12** | | RAW management | |
| **Week - 13** | | Correct and Effective USe of Photo Camera | |
| **Week - 14** | | Final Exam | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Can explain different technological eras in human history |
| 2 | Can list picturing texhniques |
| 3 | Can argue definitive aspects of technology in digital photography |
| 4 | Can argue the effects of digital technology on photography from various perspectives |
| 5 | Can compare digital and analog photography |
| 6 | Can list the steps of digital photography production process |
| 7 | Can explain major components of a digital camera |
| 8 | Can list digital camera types |
| 9 | Can define image sensors |
| 10 | Can explain image sensors types |
| 11 | Can list file types used in digital photography |
| 12 | Can to explain focus systems of digital cameras |
| 13 | Can explain exposure options of digital cameras |
| 14 | Can explain ISO speed |
| 15 | Can explain White Balance options |
| 16 | Can explain flash types and flash control systems |
| 17 | Can classify digital shooting opportunities |
| 18 | Can classify digital post shooting opportunities |
| 19 | Can explain the concept of RAW management |
| 20 | Can explain the hardware specifications of a digital camera |
| 21 | Can explain the neccessary conditions to get the best results using a digital camera |

## 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 |

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| 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.*

| Assessment Method and Passing Requirements | Quamtity | Percentage (%) |
|---|---|---|
| 1.Midterm Exam | 1 | 30 |
| Final Exam | 1 | 70 |
| Condition Examination | 1 | 0 |
| | **Sum (%)** | **100** |