## Course Syllabus

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|---|---|
| **Code - Course Title** | **BTÖ358 - Learning and Teaching Approaches in Informatics** |
| **Course Type** | V. SEMESTER |
| **Laboratory + Practice** | 2+0 |
| **ECTS** | **3.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Area Elective Courses |
| **Course Instructor(s)** | ARAŞ. GÖR. DR. ALİ HAYDAR BÜLBÜL |

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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** | not applicable |
| **Work Placement** | not applicable |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Introduction of the syllabus and the rules of the course | |
| **Week - 2** | | Basic concepts | |
| **Week - 3** | | Theories used in teaching information and communication technologies (Behaviorist Learning Theory, Teaching With Program) | |
| **Week - 4** | | Theories used in teaching information and communication technologies (Information Process Theory, Operations of Computers) | |
| **Week - 5** | | Theories used in teaching information and communication technologies (Constructivism, Problem Based Learning) | |
| **Week - 6** | | Theories used in teaching information and communication technologies (Social Learning Theory, Computer Self-efficacy) | |
| **Week - 7** | | Theories used in teaching information and communication technologies (Gestalt Theory, Preparing Material according to the Perception Principles) | |
| **Week - 8** | | Teaching approaches and teaching principles | |
| **Week - 9** | | Methods and techniques used in teaching information and communication technologies | |
| **Week - 10** | | Methods and techniques used in teaching information and communication technologies | |
| **Week - 11** | | Methods and techniques used in teaching information and communication technologies | |
| **Week - 12** | | Examination of the curriculum of information and communication technologies | |
| **Week - 13** | | Examining and evaluating the teacher and student workbook samples of information and communication technologies | |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| Week - 14 | | General assesment | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 1 | Explain the basic concepts of information and communication technologies, and explain the relationship between basic concepts and teaching information and communication technologies. |
| 2 | Explain the legal basis of teaching information and communication technologies. |
| 3 | Choose and use methods,techniques,equipment and materials used in teaching information and communication technologies. |
| 4 | Evaluate the curriculum of information and communication technologies. |
| 5 | Evaluate the workbook samples of information and communication technologies. |

## 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.*

| Assessment Method and Passing Requirements | Quamtity | Percentage (%) |
|---|---|---|
| 1.Midterm Exam | 1 | 40 |
| Final Exam | 1 | 60 |
| | **Sum (%)** | **100** |