

| COURSE INFORMATION FORM | |
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| Faculty / Institute | Faculty of Science and Literature |
| Department | Psychology |
| Course Code | PSİ 423 |
| Course title | Sensation and Perception |
| Instructional Language | English |
| Programs that can take the course | Psychology |
| Course Type | Elective |
| Course Level | Undergraduate |
| ECTS Credit | 6 |
| Prerequisites | PSİ 220 – Psychology of Learning |
| Course Content | This is an introductory course in the study of perception. We will explore how physical energy (light, sound waves etc.) is processed by the sense organs, how the physical stimuli are converted by the central nervous system, and finally how they turn into meaningful perceptions like images, sounds and music. Since the visual perception is the most studied area in the field of perception, most of the semester is devoted to the discussion of visual perception. If time permits, we will also be focusing on auditory perception, touch, smell and taste. |
| The Aim of the Course | The aim of this course is to introduce students to the physiological and cognitive processes underlying perception and sensation. Topics of visual, auditory, touch, smell and taste will be discussed in the context of sensation and perception. |
| Course Outcomes | At the end of the course, students can distinguish between sensation and perception. They have an idea about research about sensation and perception. They can establish relationships between sense organs and brain structures. |
| Textbook and / or References | Goldstein, E. B. (2016). <i>Sensation and perception</i> (10th Ed.). Cengage Learning. |

| Evaluation Criteria | Percentage |
|----------------------------|-------------------|
| Attendance | - |
| Lab | - |
| Application | - |
| Field Study | - |
| Homework | 10% |
| Presentations | - |

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| Projects | - |
| Seminar | - |
| Midterm Exams | 60% (2 Midterms) |
| Quiz | - |
| Final | 30% |
| Total | 100% |

| Course Plan | Subjects to Be Discussed |
|--------------------|-------------------------------------|
| 1. Week | Introduction to the course |
| 2. Week | Perception: The basics |
| 3. Week | Perceptual process |
| 4. Week | Neural processing and perception |
| 5. Week | Cortical organization |
| 6. Week | Perceiving objects and scenes |
| 7. Week | Visual attention |
| 8. Week | Taking action and perceiving motion |
| 9. Week | Perceiving color |
| 10. Week | - |
| 11. Week | Perceiving depth and size |
| 12. Week | The other senses |