

| Course Description | | | | | |
|---|---|--------------------------------|---------------------------|--------|------|
| Name | Code | Semester | T+A Hour | Credit | ECTS |
| COLOR SCIENCE in DENTAL PROSTHETICS TECHNOLOGY | DPT2118690 | Fall Semester | 1+0 | 1 | 2 |
| Prerequisites Courses | | | | | |
| Recommended Elective Courses | | | | | |
| Language of Instruction | Turkish | | | | |
| Course Level | Short Cycle (Associate's Degree) | | | | |
| Course Type | Elective | | | | |
| Course Coordinator | Assist.Prof. Emir Farboud BONABIAN | | | | |
| Name of Lecturer(s) | Lect. Hale Beyza KARAÇİMEN | | | | |
| Assistant(s) | | | | | |
| Aim | To teach color perception and color choosing in dentistry | | | | |
| Course Content | This course contains; 1.Electromagnetic definition of color,2.Color perception,3.color choosing,4.Color duplication,5.Color communication,6.Color theories,7.Color modifications in ceramic applications,8.Color modifications in composite applications. | | | | |
| Course Learning Outcomes | | Teaching Methods | Assessment Methods | | |
| 1.Applies color theory in making of dental ceramics | | 6, 9 | A | | |
| 1.1.Recognizes color systems | | 16, 9 | A | | |
| 1.2.Explains color choosing criterias | | 16, 8, 9 | A | | |
| 1.3.Discusses the importance of color analysis | | 10, 16, 9 | A | | |
| Teaching Methods | 10: Discussion Method, 16: Question - Answer Technique, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method | | | | |
| Assessment Methods | A: Traditional Written Exam | | | | |
| Lecture Schedule | | | | | |
| Sequence | Topics | Preliminary Preparation | | | |
| 1 | 1.Electromagnetic definition of color | | | | |
| 2 | 2.Color perception | | | | |
| 3 | 3.color choosing | | | | |
| 4 | 4.Color duplication | | | | |
| 5 | 5.Color communication | | | | |
| 6 | 6.Color theories | | | | |
| 7 | 7.Color modifications in ceramic applications | | | | |
| 8 | 8.Color modifications in composite applications | | | | |
| Evaluation Methods | | Weight(%) | | | |
| Midterm Exam | | 40 | | | |
| General Exam | | 60 | | | |

| Resources | |
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| Instructor's lecture notes | |