

Academic Year/course: 2022/23

29344 - Dental Photography

Syllabus Information

Academic Year: 2022/23

Subject: 29344 - Dental Photography

Faculty / School: 229 - Facultad de Ciencias de la Salud y del Deporte

Degree: 442 - Degree in Odontology

ECTS: 3.0

Year: 3

Semester: Second semester

Subject Type: Optional

Module:

1. General information

2. Learning goals

3. Assessment (1st and 2nd call)

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. A wide range of teaching and learning tasks are implemented, such as theory sessions, and clinical practice sessions.

4.2. Learning tasks

This course is organized as follows:

- **Theory sessions** (6 hours)
 - Photography Basics
 - Specific concepts of dental photography
 - Dental photography in different areas of dentistry
- **Practice sessions** (24 hours)
 - Basic handling of the camera.
 - Dental clinic digital photography and editing photographs

4.3. Syllabus

This course will address the following topics:

Theory

01 - History of Photography

02 - Basics of Photography

2.1 Focus, exposure and framing

2.2 Shutter speed

2.3 Aperture

2.4 Iso

2.5 Depth of field

- 2.6 Focal Length
- 03 - Elements of a camera and basic operation
 - 3.1 Body: shutter, viewfinder, sensor ...
 - 3.2 Objectives: Iris. Types: telephoto, macro, wide-angle, zoom ...
 - 3.3 Flash and lighting: integrated, external, specific flashes in dentistry.
 - 3.4 Filters
- 04 - Dental Photography
 - 4.1 Basic dental intraoral and extraoral Photography
 - 4.2 Photography in orthodontics
 - 4.3 Photography in periodontics
 - 4.4 Photography in cosmetic dentistry

Practice

- 05 - Setting up the equipment for use in the clinic.
- 06 - Effective Capturing images and conducting clinical photographic series.
- 07 - Editing images

4.4. Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates and other details regarding this course will be provided on the first day of class or please refer to the Faculty of Health and Sports Sciences website and Moodle.

Degree website: <https://fccsyd.unizar.es/es/odontologia/grado-en-odontologia>

4.5. Bibliography and recommended resources

To consult the bibliography and recommended resources, you must access the *Recommended Bibliography* link.