

29344 - Dental Photography

Syllabus Information

Academic Year: 2019/20

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

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The learning process that is designed for this subject is based on the following:
The course is structured in:

- Theoretical classes (6 hours)
- Photography clinical practice (24 hours)
- Learning activities scheduled

4.2.Learning tasks

The program that the student is offered to help you achieve the expected results includes the following activities ...

Theoretical contents:

Photography Basics
Specific concepts of dental photography
Dental photography in different areas of dentistry

Practical contents:

Basic handling of the camera.
Dental clinic digital photography and editing photographs

4.3.Syllabus

Theoretical contents

- 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

Practical contents:

- 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

Schedule sessions and presentation of works

Important dates of the course as registration or an overall examination of the subject, as well as the academic calendar and schedule updates are reflected on the website of the Faculty of Health Sciences and Sport:

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

4.5.Bibliography and recommended resources

- BB:
 - Vernedas A. Iniciación a la fotomacrografía dental. El Vern edicions, 1998.
 - Bengel W. Mastering Digital Dental Photography. Quintessence Publishing Co Ltd, 2006