

DEN 8290 Advanced Digital Dental Photography

Spring 2021

Course Description:

This is a digital dental photography elective course geared towards senior dental students who will be attending post-graduate training.

I. General Information

Course Director: Fernando Haddock, DDS

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Phone: (352) 273-5850

Course Credits: 1

Semester: Spring

Contributing Faculty

Assistant Course Director: Dr. Andre Reis

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Phone: (352) 273-5850

Support Staff

Michelle Watson TA / Grade Administrator

II. Course Goals

This course will help the dental student understand the fundamentals of digital dental photography using a Digital Single Lens Reflex (DSLR) camera. This type of camera requires a very specific setup for clinical dental photography. Proper exposure setup and flash

calibration for optimal dental photography will be covered through this course as well as tools to edit these images without changing the quality.

Understanding the basics of dental photography, including equipment and technique, and properly applying these fundamentals will help the dental student document consistent, and clinically useful, dental photographic records.

III. Course Overview

This course activities include:

Lecture sessions (8hrs.) - A series of lectures in digital dental photography will be presented via Zoom meeting platform followed by a post-lecture assessment for each presentation.

Hands-on sessions (6hrs.) - After the completion of all lectures, a series of laboratory/ hands-on sessions will be held consisting of taking all required images for the final project. The class will be divided into groups of three (3), and each student will rotate once as being the dentist photographer, the patient, and the assistant. Supplemental reading will be assigned.

IV. Course Material

Cameras and accessories will be provided for the clinical sessions.

V. Course Objectives

At the completion of this course the student should be able to:

- Recognize the importance of taking good dental images.
- Select a Digital Single Lens Reflex Camera (DSLR) and its components.
- Select the appropriate accessories needed for intra-oral and extra-oral dental photography.
- Choose the correct camera settings for predictable dental photographs.
- Understand the techniques and how to position themselves, their assistant, and the patient when taking macro and portrait dental images.
- Use basic photo editing software to correct minor deficiencies without altering the quality of the image.

VI. Evaluation

In order to successfully complete the course, each student must:

Complete all pre or post-lecture assessments.

Attend all Zoom lectures and laboratory sessions.

Submit the final photography project in Canvas following the guidelines given in lectures on or before the established deadline.

Satisfactorily completing the final assessment.

An "S" (Satisfactory) grade will be issued to students that complete all assessments, attend all lectures and lab sessions and successfully complete a final project.

A "U" (Unsatisfactory) grade will be issued to students that do not complete all assessments, attend all lectures and lab sessions and successfully complete a final project.

VII. Administrative Practices

Administrative practices for all UFCD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Course Policies" on the DMD Student Website:

<https://dental.ufl.edu/education/dmd-program/course-policies/>

VIII. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.