

DENT 202: ADVANCED DENTAL SPECIALTIES

Citrus College Course Outline of Record

Heading	Value
Effective Term:	Fall 2023
Credits:	4
Total Contact Hours:	106
Lecture Hours :	60
Lab Hours:	46
Hours Arranged:	0
Outside of Class Hours:	120
Total Student Learning Hours:	226
Prerequisite:	DENT 100, DENT 102, DENT 104 (or concurrent enrollment), and DENT 122.
Strongly Recommended:	ENGL 101.
Transferable to CSU:	No
Transferable to UC:	No
Grading Method:	Standard Letter

Catalog Course Description

The scope of this course includes instruction in the fundamental principals, instrumentation and procedures of various dental specialties with emphasis on the role of the auxiliary in each specialty. 60 lecture hours, 46 lab hours.

Course Objectives

- demonstrate knowledge of basic principles and terminology related to each dental specialty
- demonstrate an understanding of the most common dental procedures and treatment involved with each dental specialty
- identify the instrumentation used in dental procedures in each dental specialty
- describe the dental assistant's role when assisting in each dental specialty

Major Course Content

1. Pediatric Dentistry
 - a. Introduction to pit and fissure sealants
 - b. Procedures
 - c. Instrumentation
2. Computer-Aided Imaging
 - a. Purpose
 - b. Procedure
3. Endodontic Procedures
 - a. Types
 - b. Methods
 - c. Armamentarium
 - d. Procedure
4. Adjustment of Dentures
 - a. Purpose
 - b. Armamentarium
 - c. Adjustment techniques
5. Monitoring Nitrous Oxide
 - a. Characteristics
 - b. Techniques of administration
 - c. Armamentarium
 - d. Complications
 - e. Auxiliary role
6. Dental Photography
 - a. Methods and Goals
 - b. Equipment Needed
 - c. Use of Software
 - d. Standard Intraoral Series
7. Application of Bases and Liners on Sound Dentin
 - a. Characteristics and use of materials
 - b. Armamentarium
 - c. Procedure
8. Application and Removal of Periodontal Dressings
 - a. Characteristics of recommended choice of materials
 - b. Armamentarium
 - c. Procedure
 - d. Contraindications
 - e. Patient education
9. Temporary Restorations
 - a. Types
 - i. Temporary sedative dressing
 - ii. Temporary crowns
 - iii. Temporary bridge
 - iv. Temporary veneers
 - b. Indication for use
 - c. Armamentarium
 - d. Procedure
10. Oral Surgery
 - a. Procedures
 - b. Suture Removal
 - c. Patient monitoring and EKG
 - d. Characteristics of the healing process
 - e. Types of sutures
 - f. Armamentarium
 - g. Patient education
 - h. Post-Extraction Dressing
 - i. Characteristics of a dry socket
 - ii. Armamentarium
 - iii. Procedure
 - iv. Contraindications
 - v. Patient education
11. Orthodontic Procedures
 - a. Taking intra-oral measurements
 - b. Placement of separators
 - c. Sizing of orthodontic bands
 - d. Ligation and removal of archwires
 - e. Removal of excess cement from orthodontic bands

- f. Facebow Transfer
- g. Armamentarium

Lab Content

1. Endodontic Procedures
2. Adjustment of Dentures
3. Dental Photography
 - a. Intra Oral
 - b. Extra Oral
4. Application of Bases and Liners on Sound Dentin
5. Application and Removal of Periodontal Dressings
6. Temporary Restorations
7. Suture Removal
8. Post-Extraction Dressing
9. Orthodontic Procedures
10. CAD Imaging
11. EKG lead placement

Suggested Reading Other Than Required Textbook

Reading as needing to complete Table Clinic

Examples of Required Writing Assignments

Study questions related to content

Student will write presentation on chosen topic for their Table Clinic, which is given as an Oral Presentation. Students also prepare literature/handout for presentation.

Examples of Outside Assignments

Answer study questions as review and preparation, like: describe types of malocclusions, identify and describe components of fixed appliances
Practice test-taking skills and review content via online test bank
Participate in Annual Dental Convention and prepare table clinic for competition

Instruction Type(s)

Lab, Lecture, Online Education Lecture