DA 131 : DENTAL MATERIALS II

Transcript title
Dental Materials II

Credits
4

Grade mode
Standard letter grades

Contact hours total
60

Lecture hours
20

Other hours
40

Prerequisites
DA 130.

Corequisites
DA 150, DA 160, DA 182, DA 191.

Description
Provides a fundamental knowledge of the materials commonly used in dental practice, including the physical, chemical, and manipulative characteristics of cements, bases, cavity liners, cavity varnishes, composites, and resins. The laboratory component offers experience in the correct manipulation of these materials. Covers the skills of cleaning and polishing removable prostheses, and the fabrication of several types of provisional restorations. The didactic portion examines restorative options such as crowns, bridges, inlays, onlays, full dentures, and partial dentures.

Learning outcomes
1. Discuss the physical and chemical composition and characteristics of a variety of dental materials.
2. Fabricate custom impression trays for use with crown, bridge, and removable prosthodontics.
3. Produce acrylic, polycarbonate, and preformed aluminum provisional full coverage restorations.
4. Explain the indications and contraindications for the use of various dental materials.
6. Demonstrate the manipulation of final impression materials during a crown preparation procedure.