

101241 Fixed Prosthodontics (1)

[3 cr., 2, 2] This is an introductory course of contemporary fixed prosthodontics. It concentrates on in-depth knowledge of tooth preparation and the discussion of different materials used in impression taking and final cementation. It highlights the importance of provisional restorations, as well as different materials used for their fabrication, and discusses the technical aspect of various laboratory procedures involved.

Introduces fundamental principles and utilizes lectures, demonstrations, and laboratory exercises. Techniques and methods are introduced for the restoration of individual teeth with cast metal, and combination cast metal and ceramic, extracoronary restorations. Replacement of missing teeth with fixed, tooth-supported prostheses is introduced. Current theoretical knowledge, methods, and materials are taught and demonstrated; and, through laboratory exercises, students develop necessary skills.

Lab: The course provides the practical experience and skills necessary to construct fixed partial dentures including abutment preparation for various types of crowns, temporization, impression taking, intracoronary cast restorations, cast post fabrication, master cast and wax pattern fabrication. This course provides the students with basic knowledge, theory, and technical proficiency in various types of single and multiple fixed partial restorations. Current methods and materials are taught and demonstrated; and, through laboratory exercises, students develop essential technical and clinical skills.