

RESTORATIVE DENTISTRY (RD)

RD 7105. Alginate Impressions and Study Cast Fabrication. 0.5 Credit Hours.

Prerequisites: None This course will introduce the techniques for the acquisition of accurate dental impression with irreversible hydrocolloid impression material (i.e. dental alginate). The student will also learn to pour the impressions in an acceptable dental stone and trim the resulting casts for use in the diagnosis and treatment planning of their patient.

Course Type: Lecture

RD 7205. Digital Dental Technology I. 0.5 Credit Hours.

Prerequisites: RD 7105 Digital Dental Technology I introduces technologies such as optical impressions, computer-aided design, and computer aided manufacturing (CAD/CAM). Students will gain understanding of digital dental applications and how to integrate them into diagnosing and treating patients through discussions of indications, contraindications, advantages, disadvantages, and limitations of digital dentistry versus conventional techniques.

Course Type: Lecture

RD 8191. Restorative Lectures I. 1 Credit Hour.

Advanced course in restorative dentistry dealing with special clinical problems and alternate techniques.

Course Type: Lecture

RD 8291. Restorative Lectures II. 1 Credit Hour.

Prerequisites: None Concerning special clinical problems and alternate techniques.

Course Type: Lecture

RD 8320. Digital Dental Technology II. 2 Credit Hours.

Prerequisites: FPRO 7205 Digital Dental Technology II develops students' knowledge of how computer-aided design and manufacturing (CAD/CAM) are being used in a dental practice including, virtual treatment planning, in-house milling, 3D printing, fabrication and delivery of bonded all-ceramic restorations.

Course Type: Lecture

RD 8990. Special Studies. 0-6 Credit Hours.

Topics of special nature or of unusual interest to the individual student. May be repeated with change of subject matter.

Course Type: Lecture

RD 9265. Comprehensive Care. 1-12 Credit Hours.

Prerequisites: DS IV Standing May be repeated; maximum credit 30 hours. Introduces students to fundamentals of comprehensive dental care and provides extensive experience in comprehensive clinical care. Covers Oral Diagnosis, Occlusion, Fixed Prosthodontics, Operative Dentistry, Periodontics, and Removable Prosthodontics to understand complex treatment planning and sequencing and to learn more in-depth dental procedures for delivery of dental care.

Course Type: Clinical