

CLD822 - Clinical Dentistry II

This course prepares students to provide care in the School of Dental Medicine's patient care clinics. Second-year dental students have already had an initial exposure to clinical dentistry in CLD821 and CLD827. The CLD822 course builds on these initial experience through formal training in dental assisting, anesthesia, clinic management and clinical dentistry. CLD822 is an essential element in the clinical dentistry curriculum as it is one of the first courses in which participants learn and engage with other dental team members in the delivery of direct patient treatment.

ODS822 - Oral Radiology Clinic I

Paralleling technique skills developed on DXTTR (Dental X-ray Training and Teaching Replica) phantoms during the first semester's Oral Radiology Technique Course (ODS 821) will be reinforced. For this second semester course, students will practice proper digital sensor placement on each other (with no radiation exposure) utilizing alternative imaging techniques to acquire patient management skills while employing infection control practices. Students will observe alternative methods to obtain intraoral radiographs utilizing various holders such as the UniBite, Snap-A-Ray, hemostat, foam block, and Rinn XCP for periapical views. Bitewing radiographic methods include Rinn XCP, UniBite, and tabs. Occlusal radiographic techniques and limited bisecting angle techniques will be demonstrated. Digital imaging with exposure of the DXTTR phantom will be reinforced as students obtain and process digital bitewing radiographs utilizing (PSP) Photostimulable Phosphor sensors. Students will be given the opportunity to employ these newly acquired digital imaging, processing, and infection control skills during the Tuesday afternoon session while providing and assisting in the acquisition, processing, and storage of digital radiographs for referred patients of 2nd and 4th year dental students.

The case-based small group seminar conducted Thursday morning will provide students with the opportunity to review and discuss multiple radiographic images as a case-based introduction to diagnosis. The buccal object/SLOB rule will be reinforced with hands-on demonstration followed by a short interpretation quiz.

ODS824 - Evaluation of the Medically Complex Patient

This course introduces the student to the management of patients with significant co-morbidities that influence dental treatment. This course is designed as a systems approach to oral health care of medically complex patients.

ODS825 - Oral Pathology I

This course will cover selected developmental, inflammatory, metabolic, genetic and neoplastic conditions that affect the jaws. In addition, dental abnormalities will be covered. Emphasis will be placed on the radiographic interpretation of the lesions reviewed.

ORB826 - Oral Sciences & Preventative Dentistry II

This course is a bridge science course that integrates oral with clinical sciences. This course provides essential information on histology of the tooth-supporting tissues, and pathogenesis and prevention of periodontal disease.

PER811 - Endodontics I

PER811 is the didactic course supporting the Endodontic technique course, PER812. These courses make up the initial phase of the didactic, laboratory, and clinical educational program in Endodontics. This introductory course is a prerequisite for participation in the clinic and subsequent endodontic didactic courses. PER811 is a 1 credit hour course consisting of:

- 13 Lectures
- Quizzes
- Midterm Examination
- Final Examination

PER812 - Preclinical Lab I - Endodontics

PER812 is the Endodontic laboratory technique course. This course makes up the initial phase of the laboratory, and clinical educational program in Endodontics. This introductory course is a prerequisite for participation in the clinic and subsequent endodontic didactic courses. This course meets in the Preclinical Laboratory (B30Squire). PER 812 is a 2.5 credit hour course consisting of:

- Lectures
- Quizzes
- Lab Projects
- Midterm Practical
- Final Practical

RDN814 - Indirect Restorations Lecture & Preclinical Lab II

Indirect restoration refers to a dental restoration fabricated indirectly in the dental laboratory, including inlays, onlays, complete coverage crowns, partial fixed dental prosthesis and custom made posts. RDN814 introduces students to the basic knowledge, material science, and clinical/laboratory procedures involved in the preparation or/and fabrication of a single surveyed crown, onlay, pressed and CAD-CAM ceramic restoration, partial fixed dental prosthesis, onlay, conventional and digital impressions, interim restoration, working casts and indexing, cementation, and esthetic modification of ceramic restorations. It also introduces basic knowledge of inlay, onlay, veneer, resin bonded dental prosthesis, all ceramic crowns, endodontically treated teeth, soldering, laboratory communications, color in dentistry, treatment planning, Computer-Aided Design/ Computer-Aided Manufacturing, and postoperative care.

RDN821 - Ethics & Law in Practice Management

Basic Management concepts are presented to prepare students to treat patients in the clinic, with constant consideration of legal, regulatory, ethical and professional duties. This course follows the foundation laid in CLD800 (Introduction to the Profession), and leads to CLD847 (Professionalism in Practice) and RDN841 (Oral Healthcare Practice Management). This course provides the student with those tools necessary to successfully access and comply with regulatory laws, administrative codes, institutional policies, and ethical principles as part of the clinical component of their undergraduate dental education and future private practice.

RDN826 - Removable Prosthodontics Lecture & Lab II

The removable prosthodontics pre-clinical curriculum spans the D2 Fall (RDN824) and Spring (RDN826) semesters, and introduces students to the methods used to evaluate and treat patients who are partially or completely edentulous. In these courses, students are introduced to the clinical and laboratory procedures involved in complete and partial denture treatment. Content is divided into didactic (lecture) and psychomotor skill development (laboratory). Partial dentures is the focus of RDN826, in which students learn to survey diagnostic casts, design partial denture frameworks, perform tooth modifications, and make final impressions on a typodont, pour master casts, and communicate framework design to a laboratory technician. Students trim and polish their processed dentures that were fabricated during the Fall semester (RDN824). Students are introduced to concepts of CAD/CAM dentures and partial dentures in the lecture section. Accompanying lectures during the afternoon session provide clinical relevance to the tasks practiced in the laboratory.

RDN827 - Implant Dentistry I

This course will focus on aspects of Restorative Implant Dentistry. Lectures will be presented. Treatment planning sessions of the implant patient will be presented by various instructors/lecturers. Students will learn how to carry out an implant case.