

Oregon Health & Science University

School of Dentistry

Course Syllabus – Third Year Fall Term

CDEN 632 Introduction to Dental Practice

The purpose of this course is to provide the dental student with insights into the leadership and managerial roles that the dentist must play in the administration of the day to day operations of our dental practices.

DM 631 Dental Materials I

This course provides information about the characteristics and behavior of the materials used in dentistry to maintain, restore and replace oral tissues. The purpose of this course is to provide the student with basic concepts and practical information that will aid them in selecting, placing, and evaluating present and future dental materials. Emphasis is placed on identifying the criteria for materials selection for specific dental situations, an identification of the indications and contraindications for various materials for a given patient and circumstance, a discussion of the limitations and benefits of current materials and how they may be improved in the future, and practical information about the appropriate handling and placement of current dental materials.

ENDO 631 Endodontic Principles & Practice II

This course builds upon and expands the core knowledge base introduced in ENDO 623. It covers material necessary for the diagnosis of pulpal and periradicular disease and its treatment.

FPROS 731 Fixed Prosthodontic Clinic I

PROS 731 A, Fixed Prosthodontics Clinic I, is the Junior dental student's first clinical application of principles and procedures learned in the preclinical fixed prosthodontics technique courses, PROS 621 A/ 622 A / 623 A. The course spans Summer, Fall and Winter Terms of the Junior year. To enter the clinical practice of fixed prosthodontics the student must first pass a clinical entrance exam in PROS 632A. The student is assigned patients and is responsible for their management and the delivery of comprehensive care including diagnosis, treatment planning, and the coordination of care. Fall Term the student should gain experience in treatment planning at least three patients for fixed prosthodontic care, and by Winter Term should complete at least two fixed procedures.

OP 731 Operative Dentistry Clinic I

OP 731 is the first of a series of six courses involving the clinical application of operative dentistry. The student will begin to integrate the principles and techniques taught in the pre-clinical operative technique courses. The student completes the diagnosis and the treatment plan for each assigned patient. Students conduct their own practice in a manner similar to a graduate practitioner, under the guidance of an assigned instructor. Students are expected to demonstrate the technical ability to provide appropriate restorative procedures at the novice level with guidance and advice.

OPTH 631 Oral Pathology II

The course will present local and systemic diseases that affect the oral and paraoral tissues. The etiology, pathogenesis, clinical and radiographic appearance, treatment, and histopathology of these diseases will be discussed. Emphasis will be given to the development of a meaningful clinical differential diagnosis and effective, two-way communication between the dental clinicians, oral pathologist, oral surgeon and other health care professionals. This course covers the five major categories of disease; developmental, inflammatory, metabolic, neoplastic and miscellaneous. The class will participate in clinicopathologic conferences, and during the conferences cases from the different categories of disease will be presented and informally discussed.

OS 622 Introduction to Oral Surgery

The Purpose of this course is to provide 3rd year dental students with an understanding of the basic principals of the clinical practice of Oral & Maxillofacial Surgery. The course is presented from two major levels. The first is to provide a comprehensive description of the basic oral surgery procedures performed by most general practitioners. The second is to provide an overview of more advanced and complex surgical management.

PEDO 631 Child Development I

This course provides the third year dental student with background for assessment of children's problems and programming of remedial and preventive care. Included are methods and rationale for oral treatment procedures, basic concepts of dental development and child behavior guidance. Upon completion of the laboratory portion of this course the student will begin treatment of pediatric patients (PEDO 731).

PEDO 731 Pediatric Dentistry Clinic I

PEDO 731 is the first clinical application of principles and techniques related to clinical care of children and adolescents. The first four weeks of the fall quarter are devoted to fundamentals related to restorative and preventive techniques unique to children. Students then begin comprehensive care for assigned patients, both new and recall patients, in a manner consistent with a general practitioner. Each student works under the guidance of a section instructor for the entire quarter. Although each student is expected to meet quarterly benchmarks for clinic production, there are no fixed requirements for the first quarter.

PER 631 Periodontology

This course will prepare the student for clinical practice in the School of Dentistry and as a beginning general dentist. This course will provide an understanding of the various surgical techniques that are used to treat periodontal disease, their indications, and contra indications, results of treatment and their predictability. This course will integrate past, present day and future surgical treatments. It will give the student a knowledgeable base to guide their patients to proper periodontal treatment.

PER 731 Periodontology Clinic I

The primary objective is for the student to become proficient in screening for periodontal diseases, evaluating the periodontium, and recognizing and diagnosing periodontal diseases. Also, the student should become competent at managing cases exhibiting gingivitis and mild periodontitis. As a secondary objective, the student will gain insight into the dental specialty of periodontics through exposure to a variety of procedures, including non-surgical and surgical therapy (via assisting). The ultimate goal is to enable the dental graduate to provide the highest level of periodontal care to patients through early recognition and prompt, appropriate treatment or referral of patients with periodontal disease.

RPROS 632 Principles of Removable Prosthodontics II

This course continues the sequence started in Summer Term. Common concepts are re-enforced and expanded upon as they relate to restoring the edentulous patient to biological and psychological function. In depth instruction is given to the procedures for fabrication of maxillary and mandibular complete dentures. This includes the chairside techniques and the laboratory procedures involved. Intertwined with this is the awareness of patient management and various approaches to behavioral modifications.

RPROS 731 Removable Prosthodontic Clinic I

This course begins the sequencing of seven continuous terms of clinical treatment of patients. At the novice level, the student begins to develop sound judgments in the comprehensive treatment plans for partially edentulous and completely edentulous patients. They begin to apply previous learned knowledge and skills to increase their technical abilities.