

SYLLABUS
ORT 770 - ORTHODONTIC SEMINAR
COURSE DIRECTOR: DR. G. Thomas Kluemper

COURSE DESCRIPTION

This is a one credit graduate level seminar course which may be repeated to a maximum of five credits. The purpose of the course is to present an array of topics sequentially at the time in the curriculum when they are most appropriate to the level of the training of the student. This course includes seminars on treatment philosophy, orthodontic finishing, reviews of the recent literature, management of patients who require combined surgical-orthodontic treatment, management of the periodontally involved patient, photography, anthropology as related to dentofacial development, teaching methodology and educational theory, practice management, and seminars presented by guest speakers. Levels of participation vary according to the year of training in the orthodontic curriculum. For example, photography is presented in the first year, student presentations of the literature are limited to the first two years, anthropology, teaching methodology, and orthodontic finishing are presented in the second year.

All activities in this course are conducted under the College of Dentistry Code. The College has high expectations of each student concerning their professional and academic responsibilities including self-governance. If you have questions about expected standards of behavior, it is your responsibility to discuss and clarify these questions with the course director.

COURSE OBJECTIVES

Treatment philosophy: The student will be able to describe the type of fixed appliance, usual archwire progression, and the approach to growth modification which each attending faculty member will be using in the clinic.

Orthodontic finishing and retention: The student will be able to describe the criteria for and application of specific finishing and retention techniques as applied by each faculty member (i.e., positioners, anterior box/spaghetti elastics, root paralleling techniques, torquing auxiliaries, over treatment, fiber release surgery, etc.).

Reviews of the recent literature: The student will be expected to present a brief review and discussion of the merits and application of a recent scientific article from the orthodontic literature.

Management of patients who require combined surgical-orthodontic treatment: The student will be expected to present and defend the diagnosis and treatment plan for his/her assigned orthognathic surgical patients. This will include initial presentations and, when possible, progress presentations.

Management of the periodontally involved patient: The student will be expected to attend and participate in the presentations provided by the department. In addition, the student will be expected to present and defend the diagnosis and treatment plan for his/her periodontally involved patients. This will include initial presentations and, when possible, progress presentations. The periodontal residents will also present cases which involve orthodontic treatment, often treatment planned with a third-year orthodontic resident. The resident involved in these cases will be expected to defend the treatment plan, including its thoroughness.

COURSE OUTLINE BY TOPIC AREA:

Treatment philosophy: Seminars will be conducted by the attending faculty in a one-hour format during the first year.

Orthodontic finishing and retention: Seminars will be conducted during the second year.

Reviews of the recent literature: Second year students will present during the first semester and first year students will present during the second semester of the academic year.

Management of patients who require combined surgical-orthodontic treatment: Assigned students will present on the third Monday of each month at 5:10 p.m. Attendance and participation are expected at the same conference on the first Monday of the month when Oral and Maxillofacial Surgery residents will be presenting.

Management of the periodontally involved patient: The schedule for this seminar will be announced at a later time.

Anthropology as related to dentofacial development: Second year students.

Practice management, and seminars presented by guest speakers: As scheduled.

COURSE EVALUATION:

Grades are determined by quality of presentation and participation.

**COURSE OUTLINE
ORT 770**

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**ORT 770: ORTHODONTIC SEMINAR
FIRST, SECOND, AND THIRD YEARS**

<u>Topic</u>	<u>Instructor</u>
GORP, Univ. of Texas at Houston (All students)	
Practical Anchorage Considerations (2 nd year)	Dr. Kluemper
Photography (1 st Year)	Dr. Hicks
Photography (1 st Year)	Dr. Hicks
Treatment Philosophy (1st Year)	Dr. Wahle
Artistic Posit., Torque, Midlines, Bolton Problems (2nd Year)	Dr. Hicks
Tri-State Craniofacial Conference (All students)	
Finishing Techniques (2nd Year)	Dr. Kluemper
Finishing Techniques (2 nd)	Dr. Hicks
Treatment Philosophy	Dr. Pritchett
Finishing Techniques (2 nd)	Dr. Beeman
Normal Occlusal Relationships & Common Finishing Problems (2 nd year)	Dr. Beeman
Treatment Philosophy (1st Year)	Dr. Tran
Treatment Philosophy (1 st year)	Dr. Knight
Treatment Philosophy (1 st year)	Dr. Dean