

# ORTH 5013 ORTHO TREATMENT PLANNING

FALL 2016

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**CLASS DAYS and TIME:** Monday 1-4 PM

**CLASSROOM:** Orthodontic Conference Room

**COURSE FACULTY:** Ravikumar Anthony and Dubravko Pavlin

**OFFICE LOCATION and HOURS:** Include office location and hours

**EMAIL:** anthonyr@uthscsa.edu

**TELEPHONE:** 210-450-3533

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**READ THIS DOCUMENT CAREFULLY - YOU ARE RESPONSIBLE FOR ITS CONTENTS.**

## COURSE DESCRIPTION AND OBJECTIVES

The principles of the initial and advanced treatment planning are presented in this case based course. The student will learn how to effectively use databases including cephalometrics and 3-D imaging into making treatment decisions and presenting the treatment options to the patient.

**Pre-requisites –** None

**Semester credit hours –** 1.0

By the end of this course, each student should be able to:

- Understand clinical applications of Biomechanics
- Gain knowledge of different orthodontic techniques and appliances

## COURSE ORGANIZATION

**The main teaching modalities used in this course include:**

**1) Didactics: To discuss the clinical applications of Biomechanics**

**Materials** – Contemporary Orthodontics by William Proffit, Biomechanics by Ravindra Nanda

**Computer Access** – Use of computer as needed to help with presentations.

**Reading Assignments** – Chapters 8-10 from Contemporary Orthodontics, Biomechanics by Ravindra Nanda

## ATTENDANCE

Attendance is mandatory since this forms the basis of future courses. Make up class will be offered in case of absence.

## TEXTBOOKS

**Required:** Contemporary Orthodontics by William Proffit

**Recommended:** Biomechanics by Ravindra Nanda

## GRADING POLICIES AND EXAMINATION PROCEDURES

The students will be graded based on their participation in class.

### Grading System

The following grading system will be used:

A = 90-100%    B = 80-89%    C = 70-79%    F = < 69%

## REQUESTS FOR ACCOMODATIONS FOR DISABILITIES

In accordance with policy 4.2.3, **Request for Accommodation Under the ADA and the ADA Amendments Act of 2008 (ADAAA)**, any student requesting accommodation must submit the appropriate request for accommodation under the American with Disabilities Act (ADA, form 100). to his/her appropriate Associate Dean of their School and a copy to the ADA Coordinator. Additional information may be obtained at <http://uthscsa.edu/eeo/request.asp>.

## ACADEMIC INTEGRITY AND PROFESSIONALISM

Any student who commits an act of academic dishonesty is subject to discipline as prescribed by the UT System Rules and Regulations of the Board of Regents. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an exam for another person, signing attendance sheets for another student, and any act designed to give unfair advantage to a student or the attempt to commit such an act. Additional information may be obtained at <http://catalog.uthscsa.edu/generalinformation/generalacademicpolicies/academicdishonestypolicy/>

## TITLE IX AT UTHSCSA

### **Title IX Defined:**

Title of the Education Amendments of 1972 is a federal law that prohibits sex discrimination in education. It reads "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

### **University of Texas Health Science Center San Antonio's Commitment:**

University of Texas Health Science Center San Antonio (UTHSCSA) is committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, UTHSCSA does not discriminate on the basis of sex in its education programs and activities, and it encourages any student, faculty, or staff member who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to immediately report the incident to the Title IX Director.

In an emergency, victims of sexual abuse should call 911. For non-emergencies, they may contact UPD at 210-567-2800. Additional information may be obtained at <http://students.uthscsa.edu/titleix/>

## EMAIL POLICY

Students are expected to check their emails regularly to be informed of any changes in the class schedule or notification of any educational event.

## USE OF RECORDING DEVICES

Use of recording devices is permitted as long as it is used by the students to help with revision of class material.

### **ELECTRONIC DEVICES**

Cell Phone use is not permitted in class. Laptop or tablet may be used to take down notes.

**TENTATIVE CLASS SCHEDULE**  
**ORTH 5011**  
**ORTHODONTIC TECHNIQUES**  
**FALL 2016**

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WEEK	DATE	TOPIC	Assignment	Instructor and Modality
Week 1	8/08/2016	The sequence of orthodontic evaluation and treatment	Chapter 8: Contemporary Orthodontics by William Proffit	Anthony (lecture)
Week 2	8/15/2016	Static equilibrium Force System on the Appliance	Chapter 8: Contemporary Orthodontics by William Proffit	Anthony (lecture)
Week 3	8/22/2016	Force system on the teeth clinical examples of equilibrium diagrams	Chapter 9: Contemporary Orthodontics by William Proffit	Pavlin (Lecture)
Week 4	8/29/2016	Determinate versus indeterminate force systems	Chapter 9: Contemporary Orthodontics by William Proffit	Pavlin (Lecture)
Week 5	9/12/2016	Biomechanical considerations for different stages of treatment	Chapter 10: Contemporary Orthodontics by William Proffit	Pavlin (Lecture)
Week 6	9/19/2016	Review	Chapter 10: Contemporary Orthodontics by William Proffit	Pavlin (Lecture)
Week 7				
Week 8				
Week 9				
Week 10				
Week 11				
Week 12				
Week 13				
Week 14				
Week 15				
Week 16				
Week 17				

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