

THIS COMPREHENSIVE PROGRAM CONSISTS OF SIX SESSIONS, THREE PER YEAR. Each session lasts three days except course one, which lasts five days. This includes presentations, discussions, and hands-on segments.

COURSE 1 – June 23-27, 2017 Ortho Treatment Mechanics and the Pre-adjusted Appliance

This course introduces a brief history of the pre-adjusted appliance system as well as efficient bracket placement methods and arch form management. Expect detailed descriptions of state-of-the-art mechanics using light continuous force systems, and a review of the six stages of orthodontic treatment. The Dolphin Interactive Treatment module will be installed on each participant's laptop, enabling precise, advanced diagnosis and treatment planning throughout the two-year program.

COURSE 2 – September 30-October 2, 2017 Inter-Arch IDB Treatment Mechanics, Part I

This course focuses on the treatment of Class II malocclusions and applies the principles of intra-arch treatment of cases requiring inter-arch management. Inter-arch considerations include growth and development, and management of the vertical, horizontal, and lateral skeletal and dental patterns. This course details the efficient management of the challenging aspects of intra-arch treatment, and highlights the proper and esthetic placement of the upper and lower dentitions in three planes of space within the facial complex. It includes a discussion of proper fit during static centric occlusion and function from this static position without interferences during lateral and protrusive movements. Doctors will fabricate indirect bonding trays on one of their cases. They will be trained to place trays on patients.

COURSE 3 – February 17-19, 2018 Inter-Arch Treatment Mechanics, Part II

This course focuses on the treatment of Class III malocclusions and asymmetries, applying the principles of intra-arch treatment to cases requiring inter-arch management. It builds on the inter-arch considerations, dentition placement, and proper fit and function discussed in Course 2.

COURSE 4 – June 9-11, 2018 Management of the Dentition

This course reviews the management and correction of specific dental problems involving each tooth, and corresponds to the textbook, *Orthodontic Management of the Dentition with the Pre-Adjusted Appliance*, co-authored by Dr. McLaughlin and Dr. John Bennett. Expect to discuss incisor-related issues and the mechanics of cuspid movement, as well as the diagnosis, prevention, and treatment of impacted cuspids. This course also includes information on anchorage control, distalization, and vertical control related to first and second molars.

COURSE 5 – December 1-3, 2018 The Occlusion, the TMJ, and Orthodontic Treatment

This course reviews the management of orthodontic patients with temporomandibular disorders (TMD). Expect presentations on preventive considerations as well as a historical review, including the concept of ideal occlusion and its relationship to TMD. This includes a discussion on the protocol for diagnosis and treatment planning and splint therapy, followed by a presentation of classifications of temporomandibular joint (TMJ) disorders and the management of each category.

COURSE 6 – March 30-April 1, 2019 Surgical Treatment

This course reviews treatment planning for combined orthodontic-orthognathic surgery cases. This unique surgical-orthodontic treatment approach is centered on optimal occlusal, joint, and airway function and includes a focus on the best facial esthetic results achievable. Dr. McLaughlin will present criteria for successful occlusal treatment, detailing diagnostics and quality occlusal-facial results. Participants will discuss the five most common categories of surgical orthodontic management and will outline indications and error avoidance using case presentations.

2 Year Program – Practical Segments

- Diagnosis and treatment planning – specific case review sessions
- Indirect bonding procedures
- Placement of archwire, lacebacks and tiebacks
- Wire bending techniques
- Interproximal reduction techniques
- Practice management discussions
- Review of miscellaneous clinical products