Dr. Dan Fischer, founder and president of Ultradent® Products Inc., built Opal Orthodontics from the ground up. Dr. Fischer had a vision of where he wanted Opal® Orthodontics to go, and knew that Dr. Richard McLaughlin's core values and vision to provide the best patient care were an excellent match to his own. Opal Orthodontics is dedicated to helping the orthodontic community at large by providing products and services that meet Dr. McLaughlin’s specifications and that are manufactured to the highest standard and tolerance.
The McLaughlin Program
A Two-Year, Postgraduate Orthodontic Course
The Treatment Philosophy

Dr. McLaughlin’s treatment philosophy is to treat as many patients as possible to the American Board of Orthodontic Standards in the most efficient way possible. He has dedicated his career, and most of his life, to this cause. Over the years, Dr. McLaughlin has created and fine-tuned systems not only in how patients’ malocclusion is treated, but for everything in his office.
McLaughlin Office Lobby and clinic
Become More Efficient

Over the two-year course, you will learn the basic mechanics of Dr. McLaughlin’s treatment goals, as well as how to incorporate them into your own practice. You will have the ability to hone your skills to achieve better efficiency, more predictable finishes, and learn about new techniques. You will learn how to streamline systems in your own practice, benefitting not only you and your staff, but your patients as well.
Collaborate with your Peers

During this program, you will work in an intimate setting with 28 of your peers as Dr. McLaughlin walks you through his practices, techniques, and systems. Not only will you be able to collaborate, work with, and learn from each other, but you will have the ability to study with Dr. McLaughlin as you learn each new skill.
THIS COMPREHENSIVE PROGRAM CONSISTS OF SIX SESSIONS, THREE PER YEAR. Each session lasts three days except course one, which lasts four days. This includes presentations, discussions, and hands-on segments.

COURSE 1 – Ortho Treatment Mechanics and the Pre-adjusted Appliance
COURSE 2 – Inter-Arch IDB Treatment Mechanics, Part I
COURSE 3 – Inter-Arch Treatment Mechanics, Part II
COURSE 4 – Management of the Dentition
COURSE 5 – The Occlusion, the TMJ, and Orthodontic Treatment
COURSE 6 – Surgical Treatment
The McLaughlin Program

McLaughlin Clinic

Archwires

Lacebacks

Tiebacks
COURSE 1: 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. Participants will also receive Opal Avex® brackets and course materials, and will be asked for case progress reports at each session.

• Historical review of the pre-adjusted appliance system
• Advantages of modern bracket systems
• Four keys to bracket placement with recommendations for direct and indirect bonding
• Leveling and aligning, including extraction and non-extraction treatment and archwire sequencing
• Accurately and efficiently establish a stable arch form and coordinating archwires
• Vertical dimension control: the mechanics of opening deep bites and closing open bites
• Space closure efficiency using light force sliding mechanics
• Appliance selection that corresponds to appropriate treatment mechanics at each stage
• Finishing with predictable and precise outcomes
• Observation of patients in exam room, records room, and the clinic
• Wire bending techniques including torquing, bite opening curves, and archwire bends
McLaughlin Sterilization Room
COURSE 2: Inter-Arch Treatment Mechanics, Part I—Indirect Bonding

This course focuses on the treatment of Class II malocclusions and applies the principles of intra-arch treatment to 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. Participants will diagnose cases using the Dolphin Interactive Treatment module and will submit cases for review.

<table>
<thead>
<tr>
<th>COURSE 2 OBJECTIVES</th>
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<tbody>
<tr>
<td>• Class II treatment</td>
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<tr>
<td>• Vertical, horizontal, and transverse aspects of Class II treatment</td>
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<td>• Non-extraction and extraction treatment options</td>
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<td>• Indications and contraindications of molar distalizing techniques and functional appliance use</td>
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<td>• Dental and skeletal components of growth modification</td>
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<td>• Early treatment—advantages and disadvantages</td>
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<tr>
<td>• Fabrication of indirect bonding trays</td>
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<td>• Observation of indirect bonding procedures in the clinic</td>
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<tr>
<td>• Case reviews</td>
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</tbody>
</table>
The McLaughlin Program

Class III Elastics

X-ray of Class III Plates
COURSE 3: 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. Participants will diagnose cases using the Dolphin Interactive Treatment module and review cases in treatment.

- Class III treatment
- Vertical, horizontal, and transverse aspects of Class III treatment
- Non-extraction and extraction treatment options
- Dental and skeletal components of growth modification
- Dental compensation and its limitations
- Early treatment discussion considering the use of bonded uppersplints, the Class III facemask, and 2X4 fixed appliances
- Demonstration of general lab procedures as well as placement and adjustment of fixed Class II and Class III correctors
- Practice pearls
- Case reviews
COURSE 4: Management of the Dentition

This course describes 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 cusps. This course also includes information on anchorage control, distalization, and vertical control related to first and second molars, as well as practice management methods ranging from office structure to scheduling and accounting. Participants will diagnose cases using the Dolphin Interactive Treatment module and review cases in treatment.

COURSE 4 OBJECTIVES

- Specific concerns of upper central, lateral, and lower incisors with emphasis on incisor trauma, congenital absence, tooth fit, and tooth size discrepancy
- Discussion of the critical tip and torque issues of cusps, as well as the management of blocked out and impacted cusps
- Analysis and indications of the controversies related to first bicuspid extraction
- The advantages and disadvantages of second bicuspid extraction
- Emphasis on the importance of first molars relative to stabilization, distalization, extraction, and management of broken down, decayed, or missing first molars
- An objective analysis of the horizontal and vertical aspects of second molars and a discussion of the controversial issue of second molar extraction
- Discussion of the etiology of orthodontic relapse, and the various techniques of the retention process
- Practice management methods, including office structure and organization, initial exams and consultations, scheduling, and accounts payable and receivable
- Case reviews
COURSE 5: The Occlusion, the TMJ, and Orthodontic Treatment

This course reviews the management of orthodontic patients with temporomandibular disorders (TMD). Expect presentations of 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. Participants will continue to diagnose and review cases using the Dolphin Interactive Treatment module.

COURSE 5 OBJECTIVES

- Historical review of TMJ, classification of the skeletal and dental components of TMJ dysfunction
- Detailed discussion of static (centric) functional occlusion including the controversy involving centric relation
- Diagnostic process for the TMD patient and the benefits of using the articulator
- Three-phase treatment planning process
- Splint therapy prior to and during orthodontic treatment
- Molar fulcruming problems and the mechanics of treatment
- Vertical posterior support deficiency case presentations and treatment solutions
- Anterior slides and anterior posturing case presentation, and a discussion about the use and misuse of functional appliances
- Correction and avoidance of distal displacement of the condyle
- Management of lateral slides and true skeletal asymmetries
- Financial presentation
- Case reviews
COURSE 6: Surgical Treatment

This course is presented by Dr. McLaughlin, and 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.

COURSE 6 OBJECTIVES

- Criteria for successful occlusal treatment, including functional occlusion, facial balance, periodontal health, and TMJ health
- Inadequacies in occlusal facial results due to lack of goal-directed treatment planning, cephalometric and model based diagnostics, and early treatment
- Achieving quality occlusal-facial results using facial analysis and soft tissue cephalometric analysis, as well as patient motivation surveys
- Five common categories of surgical orthodontic management
Additional Course Information

Opal Orthodontics will provide participants with a select number of Opal Avex® brackets for use throughout the two-year program. Dolphin Imaging will provide each participant with its imaging software, which includes the Dolphin Interactive Treatment module. Each participant is expected to bring a laptop computer for the duration of the two-year program.
Testimonials

“I participated in the McLaughlin Two-Year Course 5 years ago and without a doubt, it was the best educational experience I have ever had. If you haven’t taken the course, you need to. If you have taken the course, you’ll want to go back.

I would recommend the McLaughlin Two-Year Course to every orthodontist. The wealth of information and education are unmatched. You and your practice will forever be changed.

I had been in practice for more than 30 years when I took the McLaughlin Two-Year Course and it was the single best educational experience I have had. It goes to show that it is never too late to learn more, and more importantly, to learn from the best.”

—Dr. Ronald G. Heiber DDS, MS

“It was an exceptional course and a very rewarding experience; anyone would benefit regardless of years in practice. I strongly recommend taking this course earlier rather than later in your orthodontic career.”

—Dr. Fenn H. Welch DDS, MS

“I have thoroughly enjoyed my experience with the McLaughlin Program not only because I had the opportunity to hear from Dr. McLaughlin, but also to associate with great orthodontists from around the world. On a regular basis during the two-year program we would meet and exchange ideas. This not only increased my orthodontic prowess but more importantly, made me more confident in my skills. The program inspired me to be more confident in my diagnosis, treatment planning and my marketing. This has allowed me to grow my practice and help many more people in my community. I initially would not have thought that a two-year clinical course would help grow my practice, but it certainly has!”

—Dr. Tom Chamberlain DMD
"The McLaughlin 2-Year Course provides the orthodontist with two key ingredients to successful treatment of patients: a more systematic and accurate diagnosis procedure in the beginning, and predictable treatment mechanics to reach the realistic goals you have set. This would be true for the new orthodontist, or a “veteran” like myself taking the course after 20 years in private practice.

As for the content of the course, it is akin to getting a drink from a fire hose. The only way I was able to process a fair amount of the information was with help after each course via email mentoring by Dr. McDonald. Even with this help, I feel that I probably was able to absorb 50–60% of the information presented. And then it takes a conscious effort to apply the information on an ongoing basis, but this is what is necessary to provide the best care possible for your patients!

Lastly, if you are going to take the course, make a commitment to actually use the techniques presented. The course is designed to be a comprehensive philosophy, not to pick pearls from. (Although I did glean some great ideas from the initial 2 day course I attended prior to signing up for the 2-Year Course!)

—Dr. Karl D. Peach, DDS, MS
Instructors

RICHARD P. McLAUGHLIN, DDS
Dr. Richard McLaughlin completed his orthodontic training at the University of Southern California in 1976. Since then, he has been in the full-time practice of orthodontics in San Diego, California. He has lectured extensively in the United States as well as internationally. He is a member of the Pacific Coast Society of Orthodontists, the American Association of Orthodontists, and is a Diplomate of the American Board of Orthodontics. He is the past Component Director of the Southern California Component of the Edward H. Angle Society, and current president of the Edward H. Angle Society. He is the recipient of the 2009 American Board of Orthodontics Dale Wade Award, as well as the 2010 Pacific Coast Society of Orthodontists Award of Merit. In addition, Dr. McLaughlin is a clinical professor at the University of Southern California, Department of Orthodontics, in Los Angeles, California, and an associate professor at Saint Louis University, Department of Orthodontics. He has coauthored five textbooks.

TERRY D. McDONALD, DDS, MS
Dr. Terry D. McDonald received his dental degree and Masters of Orthodontics (with honors) from the University of Michigan. He is a member and past president of both the Oregon State Society of Orthodontists and the Pacific Coast Society of Orthodontists (PCSO), and was the recipient of the 2010 PCSO Lifetime Achievement Award. Dr. McDonald also belongs to the AAO, where he has served as a member and past chair of the Council on Communications and as chairman of the 2002 Early Treatment Conference. In 2004, Dr. McDonald received the AAO’s prestigious Brophy Award. Dr. McDonald is a Diplomate and past examiner of the ABO, and a member and past president of the Northwest Component of the Edward H. Angle Society. Currently, he serves as an assistant clinical professor at the University of Oregon, Department of Orthodontics.
# 2017–2018 PROGRAM

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<tr>
<th>COURSE</th>
<th>DATES</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>COURSE 1</td>
<td>March 3–7, 2017</td>
<td>San Diego, CA’</td>
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<tr>
<td>COURSE 2</td>
<td>June 24–26, 2017</td>
<td>San Diego, CA’</td>
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<tr>
<td>COURSE 3</td>
<td>Sept 30–Oct 2, 2017</td>
<td>South Jordan, UT Opal Orthodontics Headquarters</td>
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<tr>
<td>COURSE 4</td>
<td>February 17–19, 2018</td>
<td>San Diego, CA’</td>
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<tr>
<td>COURSE 5</td>
<td>June 9–11, 2018</td>
<td>San Diego, CA’</td>
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<tr>
<td>COURSE 6</td>
<td>December 1–3, 2018</td>
<td>San Diego, CA’</td>
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TO REGISTER FOR THE McLAUGHLIN PROGRAM, A TWO-YEAR, POSTGRADUATE ORTHODONTIC COURSE,

Call 800.689.5893
email: McLaughlinCE@opalortho.com

*Location: Dr. McLaughlin’s Office & Teaching Center, Liberty Station Orthodontics, 2445 Truxtun Road, Suite 104 San Diego, CA 92106
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ADA CERP® Continuing Education Recognition Program

### FUNDAMENTALS OF ORTHODONTIC TREATMENT MECHANICS

John C. Bennett & Richard P. McLaughlin

A hardcover textbook with 300 pages, 14 chapters, and more than 900 color illustrations and line drawings. This is a valuable information source for orthodontists at all levels who are seeking to provide high-quality care, and for students who are looking for a concise understanding of modern treatment methods.
After a day of learning, you can get out and enjoy one of the most beautiful cities in America. From the breathtaking beaches to the exquisite restaurants, you are sure to enjoy your time spent in sunny San Diego, California.