

## APRIL 11-21, 2010 TWEED COURSE INSTRUCTIONS

Congratulations on being accepted into the Tweed Study Course, Advanced Course in Edgewise Technology and Differential Diagnosis, sponsored by The Charles H. Tweed International Foundation for Orthodontic Research. It is hoped your visit in Tucson will be both pleasant and rewarding.

Because the course is highly concentrated, for you to realize the full benefit you must study the enclosed instructions and follow them closely. Here is a suggested schedule for course preparation.

1. Review Recommended Reading List.
2. Make your reservation at the Doubletree Tucson Reid Park Hotel with the web link provided in your confirmation email.
3. Bring complete permanent dentition pretreatment records of a patient with a Class I malocclusion and of a patient with a Class II malocclusion. The records must include photographs, study models, cephalograms and intraoral x-rays. **The Cephalograms must be traced.** Headfilm tracings of the cephalometric x-rays should include the normal anatomical landmarks as well as the diagnostic facial triangle. These records will be used in the diagnostic exercises which are an integral part of the Course.
4. The typodont with the appliance will be furnished free of charge. All arch wires used in the course will be supplied.
5. **Report to 2620 E. Broadway with instruments and supplies at 8:00 a.m. on Sunday, April 11, 2010.** This will be a full day of instruction and organization. You will finish the day at 7:00 p.m. Each day begins promptly at 8:00 a.m. and ends at 7:00 p.m. The course ends with typodont check-in on **Wednesday, April 21 at 5:00 p.m.**, followed by the class party on Wednesday evening. Plans to return home should be made for Thursday, April 22 or later.
6. **In the event of cancellation less than thirty days prior to the course, no refund will be made. For cancellations prior to the thirty days, a \$35.00 processing fee will be assessed.**
7. A class photograph and class party are included in your tuition.

The temperature average during the course is 85°. Tucson is a resort city, so casual wear is suggested at all times. We are looking forward to meeting you.

Sincerely,



Herbert A. Klontz, D.D.S.  
Tweed Study Course Director

## INSTRUMENT LIST

For the student to receive the maximum educational experience, good instruments must be used. High quality pliers and some accessories can be purchased at the Course with **CASH** or **TRAVELERS CHECKS (credit cards cannot be accepted)**. All instruments must be marked by the participant to prevent their being lost and/or misplaced.

1. Bird Beak Plier Standard
2. 2 each Arch Torquing Plier
3. Orthopli Tweed Loop Former
4. Ligature tying pliers (Coon tying plier is recommended)
5. Ligature Cutter
6. Distal End Wire Cutter
7. 1 pr. wire cutters
8. 1 scaler or explorer for "O" tie removal
9. 1 pr. mosquito hemostats
10. 1 wax spatula
11. 1 ruler 6" (thin plastic)
12. 1 Boley Gauge ( Dentaurum model)
13. 1 compass (for drawing circles)
14. 1 arch marking pen
15. 1 dental engine or Moto tool (e.g. **Dremel** tool)
16. burlew discs, stones, wire wheels (for use with Dremel for polishing)
17. mandrels
18. Alastik Chain
19. 1 roll scotch tape
20. package of 4x6 cards, ruled
21. 1 pocket knife
22. 1000 ligature wire .010
23. 1000 Power "O" Module Ties (Solo Ties)
24. 2 Pkg. Ball Electrodes Ormco Size .032 Order #758-0232
25. 1 Densply SS open coil spring-3 ft.- .010 x .040 03-140-89
26. 2 Pkg. Ball Electrodes Ormco Size .028 Order #758-0028
27. 1 arch turret with .017, .018, .019, .020 & .0215 slots (preferably 0° torque)
28. 1 Miniflame or Pro-torch
29. Flux

**Note:** Items #1, #2, #3, #4, #6, #11, #12, #14, #22, #23, #24, #25, #26, #28, and #29 may be **purchased at the course with cash or travelers checks. Credit cards cannot be accepted.** We recommend you wait to purchase them at the course as they are of the highest quality.

## RECOMMENDED READING LIST

1. TWEED, Charles H., "The Frankfort Mandibular Plane Angle in Orthodontic Diagnosis, Classification, Treatment Planning and Prognosis" - American Journal of Orthodontics Oral Surgery, April 1946.
2. TWEED, Charles H., "The Frankfort-Mandibular Incisor Angle (FMIA) in Orthodontic Diagnosis, Treatment Planning and Prognosis" - Angle Orthodontist, July 1954.
3. MERRIFIELD & CROSS, "A Study of Directional Forces," - American Journal of Orthodontics, May 1970.
4. MERRIFIELD, L. Levern, "The Profile Line as an Aid in Critically Evaluating Facial Esthetics" - American Journal of Orthodontics, November 1966.
5. MERRIFIELD, L. Levern, "Space Analysis and Differential Diagnosis" - Journal of The Charles H. Tweed Foundation, Volume 6, No. 1, March 1978. Pages 10 - 15.
6. MERRIFIELD, L. Levern, "The Systems of Directional Force" - Journal of The Charles H. Tweed Foundation, Volume X, April 1982. Pages 15 - 29.
7. KLONTZ, Herbert A., "Readout" - Journal of The Charles H. Tweed International Foundation, Volume XIII, April 1985. Pages 53 - 64.
8. GRAMLING, J.F., "The Probability Index", American Journal of Orthodontics and Dentofacial Orthopedics, 107:165, 1995
9. MERRIFIELD, L. Levern, KLONTZ, Herbert, & VADEN, James L., "Differential Diagnostic Analysis Systems, American Journal of Orthodontics and Dentofacial Orthopedics, 106:641, 1994
10. KLONTZ, Herbert K., "Facial Balance and Harmony: An attainable Objective for the Patient with a High Mandibular Plane Angle", American Journal of Orthodontic and Dentofacial Orthopedics, Vol. 114, No.2, pp. 176-188
11. VADEN, James, KLONTZ, Herbert & DALE, Jack, "The Tweed Merrifield Edgewise Appliance", in Graber, T.M., Vanarsdall RI, editors: Orthodontics: Current Principles and techniques, 34rd edition, St. Louis, 2000

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