



# American Society of Master Dental Technologists

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**2011 – 2012**

## **MASTER DENTAL TECHNOLOGIST COURSE CURRICULUM**

*at New York University College of Dentistry, C.E.D.*

345 East 24 Street, New York, NY 10010

**NOTE: Dates subject to change**

### **Session I: ANATOMY & PHYSIOLOGY Lecture**

Clinicians: Dr. Steven Silberg, Vincent Alleluia, MDT, & Paul Federico, MDT

Date: **October 1, 2011**

Lecture & Slide presentation with head skeletal relationship, Isometric & Isotonic behavior of head & neck muscles & input to the central nervous system.

### **Session II: ANATOMY & PHYSIOLOGY Lecture**

Clinicians: Dr. Steven Silberg, Vincent Alleluia, MDT, & Paul Federico, MDT

Date: **October 29, 2011**

Gnatho-orthopedic relationships, relating to growth, position of mandibular orthodontic approaches.

### **Session III: ARTICULATORS & ARTICULATION Clinic & Laboratory**

Clinicians: Dr. Steve Silberg, Paul Federico, MDT, William Baum, MDT & Vincent Alleluia, MDT

Date: **November 12, 2011**

Demonstration of capturing centric relations & transferring same to articulators. The importance of anatomical mechanical equivalence relating to the quality of function to the patient. Lecture, slides, videotape.

### **Session IV: FIXED & VARIABLE DETERMINANTS Lecture & Laboratory**

Clinicians: Dr. S. Silberg, Vincent Alleluia, MDT, Paul Federico, MDT

Date: **November 19, 2011**

The relationship between mandibular movement & surfaces of the teeth which encompasses anterior guidance & posterior function.

### **Session V: TMJ DYSFUNCTION Lecture**

Clinicians: Richard Sousa, DDS, Vincent Alleluia, MDT, Paul Eliason, Jr. MDT, & Fred Hornado, MDT

Date: **December 3, 2011**

Articular Disc Disharmony & Splint Construction.

### **Session VI & VII: FUNCTIONAL WAXING COURSE Lecture & Hands-On in Lab.**

Clinicians: Vincent Alleluia, MDT, Paul Eliason, Jr., MDT, & Paul Federico, MDT

Dates: **December 17, 2011 and January 7, 2012**

Conceptual approach to group cusp-to-fossa occlusion, wax-up & customizing anterior guidance. Lecture, slides & hands-on. Handpiece & engine required.

**Session VIII & Session IX: MOUTH REHABILITATION Lecture & Hands-On in Lab.**

Clinicians: Dr. Richard Sousa, MDT, Dr. S. Silberg, Paul Federico, MDT & William Baum, MDT

Dates: **January 21 and February 4, 2012**

Lecture & hands-on involving partial designs, various attachment components & the use of milling equipment.

**Session X & Session XI: DENTURES - AESTHETIC & FUNCTIONAL SETTING OF TEETH**

**Lecture & Hands-On in Lab. – 2 Days**

Clinicians: Paul Federico, MDT & Vincent Alleluia, MDT

Dates: **February 18, March 3, March 17, and March 31, 2012**

Setting of anterior & posterior teeth using anatomical landmarks. Comprehension of various types of occlusion.

**Session XII: EQUILIBRATION OF BILATERAL OCCLUSION Lecture & Laboratory**

Clinicians: Charles Cottone, MDT, Vincent Alleluia, MDT

Date: **April 14, 2012**

Step-by-step grinding prematurities & developing proper functional inclines & attaining centric holds.

**Session XIII & Session XIV: MATERIAL SCIENCES - BEHAVIOR & AESTHETICS**

**Lecture & Laboratory**

Clinicians: Dr. S. Silberg, Vincent Alleluia, MDT, Paul Eliassen, Jr., MDT, & Peter Pizzi MDT

Dates: **April 28 and May 12, 2012**

Behavior & results of materials used to fabricate prosthetic prosthesis.

**Session XV & Session XVI: PRINCIPLES OF IMPLANTOLOGY Lecture & Lab. Demos.**

Clinicians: Dr. Bernard Kruger, Vincent Alleluia, MDT, Paul Federico, MDT & William Baum, MDT

Dates: **May 26 and June 9, 2012**

Clinical evaluation of patient prior to invasive procedure. Diagnostic analysis of patient utilizing mounted models on semi-adjustable instruments.

**Session XVII: REVIEWS Lecture & Lab. Demos.**

Clinicians: Vincent Alleluia, MDT, Sue Heppenheimer, & Dr. Ira Zinner

Dates: **June 23, 2012 and July 7, 2012**

Time set aside for reviewing written examinations & extra time as needed.

**Final Sessions: FULL MAXILLARY & MANDIBULAR & GNATHOLOGICAL WAX-UP**

**5 Days of Hands-On in Laboratory**

Clinicians: Vincent Alleluia, MDT, Paul Federico, MDT, & Paul Eliassen, Jr., MDT

Dates: **July 21, Aug. 4, Aug. 18, Sept. 1, and Sept. 15, 2012**

Tutoring approach to reorganizing posterior occlusion & anterior guidance. Preparation for appearance before ASMDT Board of Examiners on **September 29, 2012**

***Upon course completion, students receive 150 hours of CDT Credits and 120 hours of Homework Credits.***

MDT INSTRUCTORS for every session: Angelo Calcagno, Mandana Ferguson, Juan Mendez, Vadim Nisanov