

Collin College - Continuing Education

Course Syllabus

Course Title: Orthodontic Assistant Training Course

Number: DNTA 1042

Course Description: Designed to prepare the dental auxiliary to obtain entry-level training in orthodontic assisting as mandated by the TSBDE.

Course Prerequisite(s): RDA, successful completion of a TBSDE-approved dental assistant course, or 3 months of experience in a dental office with direct patient care.

Hours: 32

Student Learning Outcomes:

1. Learn correct identification and use of orthodontic instrumentation and materials
2. Learn skills for obtaining patient personal health information and clinical records
3. Practice entry-level procedures for orthodontic dental assistants
4. Review orthodontic numerology and terminology
5. Gain in-office experience at an orthodontic office

Course Objectives: At the completion of this course, each student will have received training in a specialty field for work as an orthodontic assistant. It will provide an extended study of dental assisting techniques with emphasis on four-handed dentistry and utilization of armamentarium for orthodontic procedures.

Textbook(s):

Materials will be provided and distributed during the course.

Withdrawal Policy: See the current *Career Skills Training* catalog for the tuition refund policy.

Collin College Academic Policies: See the current *Collin Student Handbook*.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student's responsibility to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

Meeting Location: Central Park Campus (The last class will be held at an orthodontic office in McKinney. Information will be provided by the instructor.)

Method of Evaluation: Students must achieve a minimum final grade of 75% and 90% in attendance of the class time in order to pass competencies.

Attendance Policy: Students must be in attendance for 90% of class time in order to pass competencies.

Lesson Plan –

Session 1- Orthodontic bites and orthodontic terminology: Students will have in-class lecture on identifying and assessing orthodontic occlusions. Students will review orthodontic numbering systems and terminology.

Session 2- Quiz 1; Orthodontic records: Students will have in-class lecture reviewing steps for obtaining and managing orthodontic records while observing infection control and patient privacy policies. Practice will include using retractors to correctly capture intraoral and extraoral patient photos for diagnostic purposes.

Session 3- Quiz 2; Orthodontic instruments: students will learn to identify and correctly use orthodontic instruments and their applications.

Session 4- Quiz 3; Review of elastics, arch wires, impressions/3D scanning and orthodontic models: Students will review basic orthodontic materials and their applications. Review of maintenance and care of equipment.

Session 5-Quiz 4; SEPS's, O-Rings, Ties and PC's: students will continue review of basic orthodontic materials and their applications. Orthodontic procedures practiced and discussed.

Session 6-Quiz 5; Orthodontic banding: Students will learn the fundamentals of orthodontic banding and practice the procedure observing correct PPE and infection control.

Session 7-Quiz 6; Orthodontic bonding: Students will learn the fundamentals of orthodontic bonding and practice the procedure observing correct PPE and infection control.

Session 8- Quiz 7: Clinical experience: Class will be held in McKinney orthodontic office for observation and clinical experience.