



MISSION STATEMENT

"The official mission of BCI is to bring skill based education to all persons wanting a career in allied health care"

DENTAL ASSISTANT PROGRAM

Meeting Time: Tuesdays (Mornings & Evenings)

Instructors: TBA

Office Address: 422 Main St, Malden MA 02148

320 Washington St, Brookline, MA 02445

Office Phone: Malden (781)333-3522 - Brookline (617)383-6058

E-mail: TBA

Office Hours: By appointment

Admissions Requirement: High School Diploma or Equivalent

I. Course Description

Dental Assisting is a comprehensive didactic and hands on course of study in general dental assisting designed to develop thorough knowledge and key clinical competencies as defined by the Massachusetts Board of Registration in Dentistry. Upon successful completion students will be eligible for licensure in the Commonwealth of Massachusetts as dental assistants.

II. Course Goals and Objectives

- Students will develop general knowledge of general dental concepts
- Students will develop general knowledge of general dental anatomy
- Students will develop general knowledge of general dental physiology / pathophysiology
- Students will develop general knowledge of dental morphology
- Students will develop general knowledge of general dental instrumentation
- Students will develop general knowledge of general dental infection control
- Students will develop general knowledge of general dental radiology and safety
- Students will develop general knowledge of general dental chair-side assisting
- Students will develop general knowledge of general dental materials

III. Class Expectations and Assignments

The course is designed to integrate discussion and interaction of students on the multiple knowledge areas. Students are expected to spend about 2 hours reading assigned materials,

watch associated videos and presentations and/or work on a group project before and after each class. Class participation will be assessed by attendance and participation in in-class learning activities.

IV. Grading

Each student must attain a grade of 75% or higher to pass

The final grade is made up of:

- Attendance
- Homework
- Quizzes
- Final Exam

A cumulative final grade below 75% is considered a failing grade. The student is allowed one make-up test. In case the student fails the make-up test, he/she will be offered remedial classes for a prorated fee based on the number of sessions.

V. Outcomes

Upon successful completion of this program, students will be able to do the following:

- Demonstrate competence of the knowledge and skills required to perform a variety of chairside skills during comprehensive patient care and treatment.
- Follow mandated and prudent techniques in the prevention of the transmission of diseases through accurate detailed execution of infection control procedures, blood-borne pathogen standards, standard precautions, standard operating procedures, engineering controls and safe work practices.
- Provide patient preventive education and oral hygiene instruction.
- Assist in the management of medical emergencies.
- Apply and manipulate chairside and laboratory dental materials.
- Complete patient information on the dental record including medical and dental histories, vital signs and tooth charting annotations.

**Student success is our priority, don't hesitate to ask questions and always give your best!!!!
Good Luck**

WEEK	SUBJECT MATTER	ACTIVITIES
WEEK 1	<ul style="list-style-type: none"> • Introduction to Infection Control • Personal protective Equipment in the office (PPE) • Learn Sterilization in the working area • Watch video tape- Based on Infection control • Handout - bloodborne – pathogen student manual 	Read Chapter 11 (page 199)
WEEK 2	<ul style="list-style-type: none"> • Management of Hazardous Materials and medical waste • Treatment room preparation • Disinfection, Sterilization (Practice in lab) 	Read Chapter 12 (page 233)
WEEK 3	<ul style="list-style-type: none"> • Tooth Morphology (Tooth Structure) Abbreviations • Basic charting, terms and color indications • Practice in lab (charting) 	Read Chapter 9 and 14 (page 153) (263)
WEEK 4	<ul style="list-style-type: none"> • Introduction to Dental Radiology • Radiology types • Biological effects of radiation • Safety and precautions • Dental assisting responsibilities 	Read Chapter 21 (page 416)
WEEK 5	<ul style="list-style-type: none"> • Production and Evaluation of Dental Radiographs • Producing quality radiographs • Preparing for x-ray exposure • Types of film exposure (Practice in lab) 	Read Chapter 22 (page 431)
WEEK 6	<ul style="list-style-type: none"> • Basic chairside instruments and tray system • Learn the instruments names and parts • Instrument transferring and maintaining the operating field • Specific placements for evacuation of oral of the oral cavity • Practice lab 	Read Chapter 19 (page 365) Read Chapter 18 (page 347)
WEEK 7	<ul style="list-style-type: none"> • Anesthesia and sedation (Topical and local anesthetics) • Oral pathology overview • Orthodontics overview 	Read Chapter 20 – (page 392) 26- (page 566) 27- (page 586)

WEEK 8	<ul style="list-style-type: none"> • Endodontics • Rubber dam placement /materials used and their functions • Pulpal diseases / demonstrate pulp testing • Oral and maxillofacial surgeries • Suture removal • Post-operative instructions • Instrumentation overview 	<p>Read chapter 24 (Page 505) Chapter 25 (Page 527)</p>
WEEK 9	<ul style="list-style-type: none"> • Periodontics • Coronal polishing • Perio charting • Prophy instruments • Pediatrics • Sealants • Children’s eruption schedule 	<p>Read chapter 29 (Page 643)</p> <p>Chapter 28 (Page 619)</p>
WEEK 10	<ul style="list-style-type: none"> • Chairside restorative materials and procedures • Composite and bonding restorative materials • Dental cements, bases liners, and bonding agents 	<p>Read chapter 33 (page 768)</p>
WEEK 11	<ul style="list-style-type: none"> • Amalgam manipulation • Perform amalgam restoration • Perform composite restoration • Set up • Clean up 	<p>Chapter 34 (page 799)</p>
WEEK 12	<ul style="list-style-type: none"> • Fixed prosthodontics • Crowns, Inlays, Onlays, Bridges, Veneers and Cerec Machine • Bite registration and retraction cord 	<p>Read Chapter 30 (page 689)</p>
WEEK 13	<ul style="list-style-type: none"> • Fabricate temporary crown • Trim and cement • Use and mix temporary material 	<p>Read chapter 35 (Page 879)</p>
WEEK 14	<ul style="list-style-type: none"> • Removable prosthodontics • Complete Denture, partial Denture and Immediate Denture • Laboratory materials and Techniques 	<p>Read Chapter 32 and 35 (page 841)</p>

- Taking alginate impressions for diagnostic cast ...

- WEEK 15
- Take apart and trim models
 - 16-week PowerPoint review
 - Vocabulary

Read chapter 35(page 865)

- WEEK 16
- Final exam