



North Dakota Dental Assistants Association

10 April 2016

Interim Health Services Committee
Senator Judy Lee
Chairman
North Dakota State Capitol
600 East Boulevard
Bismarck, ND 58505-0360

Re: Expanded Function Dental Auxiliary—Impacts on Access to Care and Continuing Education Requirements

Dear Chairman Lee and Members of the Interim Health Services Committee:

The North Dakota Dental Assistants Association is pleased to accept your invitation to provide comments on Wednesday, April 13, 2016, regarding the expanded function dental auxiliary language approved by the North Dakota State Board of Dental Examiners. We look forward to providing information on improving access to care, as well as continuing education requirements and cost. You may find a written copy of our oral comments attached, as well as a variety of supporting information.

We look forward to the opportunity to discuss this important issue with you and answering any questions you may have.

Sincerely,

Marsha R. Krumm, RDA, CDA, LDA
President
North Dakota Dental Assistants Association

Sasha A. Dusek, RDA
President-Elect, Legislative Chair
North Dakota Dental Assistants Association

CC: Representative Alan Fehr
Representative Rich S. Becker
Representative Dwight Kiefert
Representative Gail Mooney
Representative Gary Paur
Representative Todd Porter
Representative Karen M. Rohr
Representative Jay Seibel
Representative Marie Strinden

Senator Howard C. Anderson, Jr.
Senator Tyler Axness
Senator Joan Heckaman
Senator Dave Oehlke
Senator John M. Warner

Interim Health Services Committee

North Dakota Dental Assistants Association Comments on Expanded Function Dental Assistant
Language

Marsha R. Krumm, RDA, CDA, LDA
President, North Dakota Dental Assistants Association

-And-

Sasha A. Dusek, RDA
President-Elect and Legislative Chair, North Dakota Dental Assistants Association

Senator Lee and Members of the Interim Health Services Committee, as you know, the North Dakota State Board of Dental Examiners approved an expansion of the duties of registered dental assistants in April 2015. Chapter 20-01-01 of the North Dakota Administrative Code was changed to define the extent of the expanded duties and to clarify the definition of contiguous and direct supervision. A registered dental assistant must apply for and receive a permit from the North Dakota State Board of Dental Examiners in order to carry out these expanded duties. Under the expanded duties, a registered dental assistant with a permit may perform restorative functions when a dentist is physically present in the office. This is called “direct supervision” in the administrative code.

As a part of the expanded duties, after the dentist has prepared the patient and removed the cavity, a registered dental assistant with a permit may perform restorative functions like placing a filling or stainless steel crown. This means the dental assistant with a permit may put the filling material in or the stainless steel crown on the prepared tooth. The dental assistant with a permit may also ensure the filling or stainless steel crown has no rough edges and that it is even with the surface of the tooth. This is known as contouring. The dental assistant with a permit may then make sure the filling or stainless steel crown does not interfere with the patient’s bite and that it is appropriately aligned. This is known as adjusting.

In oral and maxillofacial surgery settings, a registered dental assistant may also seek a permit to initiate and discontinue intravenous lines and medication when the dentist is physically present in the facility and able to respond immediately in the event of an emergency (this is known as contiguous supervision). In oral and maxillofacial surgery settings, a registered dental assistant with the appropriate permit may also perform some anesthesia duties under the direct visual supervision of an oral and maxillofacial surgeon.

Turning to continuing education requirements and costs, at this time, there is no program in North Dakota that would enable a registered dental assistant to meet the training and education requirements necessary to carry out the expanded functions. However, North Dakota State College of Science in Wahpeton and Northwest Technical College—Bemidji (Minnesota) are each working to establish the necessary curricula at their respective campuses. Currently, the closest educational program is at the University of Minnesota School of Dentistry. This is an 80-hour program delivered in three phases. It includes classroom and clinical sessions, as well as the credentialing examination. Tuition for the University of Minnesota program is \$2,895¹. While current training options are limited, Northwest Technical College in Bemidji has provided a letter regarding actions they are taking to both increase the accessibility of dental assistant training programs and to develop a customized training course for the expanded functions recently approved by the State Board of Dental Examiners². The letter from Robert J. Griggs, Interim Dean at Northwest Technical College can be found in Appendix B and reads as follows:

“I am pleased to inform you that Northwest Technical College (NTC) has begun conversations regarding the development of an online/blended learning program in dental assisting to accompany its highly successful campus-based program offering in Bemidji, Minnesota. As you know, NTC’s Dental Assisting program is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education.

In an effort to make the Dental Assisting program more regionally accessible to both traditional and non-traditional students, Northwest Technical College, working in conjunction with dedicated dental professionals, will begin offering the 45-credit diploma program through a combination of online courses and on-campus lab requirements (approximately 12 hours a week Fall semester/approximately 14 hours a week Spring semester in Bemidji). Students will also need to complete a minimum of 300 hours total of clinical experience-internship in two separate dental offices approved by NTC, which could also include clinical experiences in approved locations in North Dakota. In this regard, I would like to explore with you, opportunities to

¹ See Appendix A

² See Appendix B

market and promote the online/blended learning program in conjunction with the North Dakota Dental Assistants Association.

The NTC Dental Assisting program prepares graduates to become chair-side dental assistants, qualified to work in a variety of dental practices or advance to an AAS. Courses focus on dental anatomy, dental radiology, dental pharmacology, dental ethics and jurisprudence, dental practice management and expanded functions as well as clinical assisting. All graduates are eligible to complete the Dental Assisting National Board, meet all requirements to write the Dental Assistant State Licensure Exam in Minnesota, and apply for Registration in North Dakota.

NTC is also considering offering a customized training course for Restorative Functions Operator/EFDA, this summer 2016. This course will include an online lecture component, a lab/clinical component (2 separate weekends/Friday and Saturday) in Bemidji, and the final patient requirement component will be completed in the participant's place of employment. The curriculum will satisfy requirements for both Minnesota and North Dakota.

I am including with this letter some additional brochure information on our NTC Dental Assisting program. Thank you again for your interest in NTC and we look forward to working with you to advance dental care throughout our region.”

As far as training and education for dental assistants who are interested in supporting anesthesia—training and education is available through the American Association of Oral and Maxillofacial Surgeons’ (AAOMS) Dental Anesthesia Assistant National Certification Examination (DAANCE). The 36-hour program requires the dental assistant to be CPR or Basic Life Support certified and requires the successful completion of a 2-hour proctored exam. The DAANCE exam can cost up to \$450.³

It is important to note that there is financial assistance available to dental assistants who are interested in undertaking these expanded functions. Scholarships are available through the Dental Assisting National Board, the DALE Foundation, and the American Dental Assistants Association. The North Dakota Dental Assistants Association has been exploring options for helping dental assistants further their careers and education through a variety of means, and we

³ See Appendix C

look forward to further discussions on the matter during this summer's board meeting. This is especially important given NTC's letter of interest.

Expanded function dental auxiliary is critical to improving access to care for underserved populations. This is supported by a multitude of research. Maureen A. Ohland, a dentist and assistant professor at the University of Minnesota School of Dentistry, reports that 71% of dental assistants and 18% of dental hygienists utilize their restorative function permit in Minnesota. *Ohland indicates that the most cited reasons for non-utilization was a lack of delegation by the dentist or the individual's primary focus is dental hygiene.* The lack of delegation is a relatively easy barrier to overcome. When dentists increase their willingness to delegate, "The impact of delegation on practice productivity and efficiency... is substantial. As delegation increases, practices see more patients and generate higher gross billings and net incomes."⁴

Notwithstanding the lack of delegation, according to Ohland, "[restorative dental auxiliary] have a better and very good understanding of restorative dentistry allowing [dentists] to see more patients in need," and the expanded functions result in a 67% increase in access to care. Furthering this, the University of Colorado finds that when the level of delegation is high, "[there is an increase in] the number of patients seen, [increased] productivity and income, and [a reduction in the] stress of practicing dentistry..."⁵ By allowing all dental professionals to practice to the full extent of their education and training, and to work in a variety of settings under evidence-based supervision models, the dental workforce will be less stratified and access to underserved populations will be improved⁶. Further research indicates that these expanded

⁴ Beazoglou, T., L. J. Brown, S. Ray, L. Chen, and V. Lazar. 2009. "An economic study of expanded duties of dental auxiliaries in Colorado." Chicago, IL: American Dental Association

⁵ Domer, LR and Call, RL. "A pilot study to determine barriers to implementing productivity enhancement strategies in dental practices." Unpublished report, School of Dentistry, University of Colorado. June 14, 2005.

⁶ Beazoglou, T., L. J. Brown, S. Ray, L. Chen, and V. Lazar. 2009. "An economic study of expanded duties of dental auxiliaries in Colorado." Chicago, IL: American Dental Association

functions increase access to screening, preventative services, and parent and caregiver education. This leads to improved oral health outcomes for underserved population and a higher percentage of Medicaid-enrolled children receiving preventative, diagnostic, and treatment dental services. Abraomowitz shows that as more expanded duty dental assistants are added to the practice costs decrease and net income increases⁷. This makes it possible for the practice to charge lower fees while increasing the practice's net income⁸, thus increasing access to low-income populations. Further, dental teams that consist of one dentist and four assistants performing expanded functions, increase productivity by 110%-133%⁹. This means that more patients can be seen in the same amount of time. This increased efficiency will be the most beneficial practices that treat patients at highest risk dental carrier and other oral health concerns like federally qualified health centers (FQHCs), community health clinics, and Indian Health Services (HIS) settings.

The evidence shows a clear link between the level of delegation to dental assistants and hygienists with an expanded function permit and the ability of the practice to reach more underserved individuals. Continuing education for these expanded functions is available and more programs will be offered in a relatively short time. While there is a cost to these programs, assistance may be available to dental assistants through national and statewide organizations. On behalf of the North Dakota Dental Assistants Association, I thank you for the opportunity to comment on the expanded function language. What questions do you have?

⁷ Abramowitz J, Berg LE. "A four-year study of the utilization of dental assistants with expanded functions." *Journal of the American Dental Association*. 1973; 87:623-635.

⁸ Ralph Lobene and Alix Kerr, "The Forsyth Experiment: An Alternative System for Dental Care." Cambridge, MA: Harvard University Press, 1979

⁹ Stanley Lotzkar, Donald W. Johnson, Mary B. Thompson, "Experimental program in expanded functions for dental assistants: Phase 3 experiment with dental teams." *Journal of the American Dental Association*. 1971; 82:1067-1081

Appendix A

University of Minnesota Restorative Expanded Function: An 80-Hour Training Program

School of Dentistry

Continuing Dental Education

Providing timely and practical continuing education for dental professionals

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ABOUT OUR SCHOOL

DIVERSITY

PATIENTS

PROGRAMS AND ADMISSIONS

OUTREACH

NDDAA

Restorative Expanded Functions: An 80-hour Training Program

Four Weekend Sessions: September 9-11, 2016; October 7-9, 2016; November 4-6, 2016; and December 2-4, 2016

NEWLY REVISED TO INCLUDE GINGIVAL DISPLACEMENT TRAINING

MINNESOTA LICENSED DENTAL HYGIENISTS AND DENTAL ASSISTANTS: *Would you like to add a new dimension to your professional career? Are you ready to take on more clinical responsibility?*

The Minnesota Dental Practice Act allows a licensed dental assistant or dental hygienist to perform certain restorative procedures under indirect supervision upon completion of a board-approved course and issuance of a Restorative Functions (RF) credential. The procedures allowed include: 1) place, contour, and adjust amalgam restorations; 2) place, contour, and adjust glass ionomer; 3) adapt and cement stainless steel crowns; and 4) place, contour, and adjust Class I and Class V composite restorations where the margins are entirely within the enamel and Class II supragingival composite restorations on primary teeth. The program has been revised to include the training required of Minnesota licensed dental assistants and dental hygienists in order to perform gingival displacement procedures on patients.

This Minnesota Board of Dentistry approved training program will give you the knowledge and practical skills to confidently perform restorative expanded functions in practice. You will benefit from one-on-one interaction with experienced instructors who will share a myriad of clinical tips that come from years of practice and teaching experience in restorative and pediatric dentistry.

- Already Registered? [Course Details](#)

Benefits/Objectives

Phase One: *During the 80-hour classroom and pre-clinical portion of the program, you will learn how to:*

- recognize properties and indications for use of different dental materials.
- recognize and duplicate ideal dental anatomy in the pediatric and adult dentition.
- condense, place and contour amalgam restorations (Class I, II & V).
- place, contour and polish glass ionomer restorations.
- place, contour and finish composite restorations (Class I & V and Class II —pediatric dentition).
- adapt, cement and remove excess cement from stainless steel crowns.
- practice innovative isolation techniques.
- evaluate and adjust the occlusion for amalgam, glass ionomer and composite on newly placed restorations.
- evaluate restorations for adequate margins and correctly address for quality restorations.

To Register

- Mail in your registration form along with your check or credit card information.
- Call us at 612-625-1418 or 800-685-1418 and use your credit card to register.
- Fax your registration form and credit card information to 612-624-8159.
- [Register online via our secure website.](#) 

Tuition

\$2,895 dental hygienist or licensed dental assistant

Tuition covers the entire 80-hour training program (Phase One). It includes continental breakfasts, lunches, written materials, laboratory and clinical supplies and parking.

A \$595 deposit is due at the time of registration. You may either pay the balance of the tuition by August 12, 2016, or pay \$800 installments on each of the following dates:

- September 15, 2016;
- October 15, 2016; and
- November 15, 2016.

Examination Fee

\$150 per course participant, plus travel expenses (mileage, food, lodging, if applicable)**

**The scheduling and determining of travel expenses will be possible after completing Phases One and Two of the program.

Credits

9 of 54

04/2016

NEWS

INCOMING STUDENTS

EDUCATION AND TRAINING

SUGGESTION BOX

U MAKE A DIFFERENCE

Register for courses

- recognize the role of gingival displacement with restorative procedures.
- perform gingival retraction using single cord, double cord and mechanicochemical techniques.
- utilize a restorative expanded function professional in practice.

Phase Two: Upon completion of the 80-hour classroom pre-clinical portion of the program, you will be required to complete the following procedures on patients* under the personal supervision (chairside) of a dentist.

- amalgam—10 surfaces
- glass ionomer—5 surfaces
- stainless steel crowns—4 teeth
- composite—5 surfaces

*These are the minimum requirements and must include at least 12 patients and exhibit proficiency in both the primary and permanent dentition. Patient experiences will be completed in a dental practice.

Phase Three: After successful completion of phase one and two, you will arrange for a credentialing examination by one of the course instructors to be conducted in your dental office. For the examination you will:

- review with the credentialing instructor previously completed patient records for two restorative procedures. Records will include appropriate photographs, radiographs and study models.
- perform two of the four restorative procedures while the credentialing instructor observes and verifies satisfactory performance.

Timing: Please note that you must complete the entire 80-hour training program within one year and that you must also complete the clinical credentialing examination within one year of completing the training program.

Who Should Attend

Licensed dental assistants and dental hygienists who want to receive the educational training required to perform restorative expanded functions on patients in the state of Minnesota.

Educational Methods

Illustrated lectures, discussion, demonstrations, laboratory exercises, patient simulation on manikins, supervised patient treatment, and clinical competency assessment.

Course Instructors

Richard J. Baylon, D.D.S., Adjunct Assistant Professor, Division of Pediatric Dentistry, Department of Developmental and Surgical Sciences, University of Minnesota School of Dentistry. Dr. Baylon maintains a four-clinic private practice limited to pediatric dentistry, with three partners. Dr. Baylon utilizes restorative expanded function auxiliaries in his practice.

Gary E. Cook, D.D.S., M.S., Associate Clinical Specialist and Director of the Preclinical Program, Division of Prosthodontics, Department of Restorative Sciences, School of Dentistry, University of Minnesota.

Michael J. Madden, D.D.S., Clinical Assistant Professor, Division of Operative Dentistry, Department of Restorative Sciences, School of Dentistry, University of Minnesota.

Kevin N. Nakagaki, D.D.S., full-time practitioner with HealthPartners Midway Clinic in St. Paul, Minnesota. Dr. Nakagaki’s practice includes managing patients in the hospital/ambulatory surgery setting. He serves as a mentor to numerous restorative expanded function staff at the HealthPartners Midway Clinic. Prior to joining HealthPartners, Dr. Nakagaki spent 10 years as the Director of the Hospital Dental Clinic at the University of Minnesota.

Maureen A. Ohland, D.D.S., M.S., M.L.S., has held faculty appointments at the University of Minnesota School of Dentistry in the GPR, AEGD, DH, and

80 hours

Minnesota Credits

79 fundamental

1 core (Management of Medical Emergencies)

Time

8:00 AM to 5:15 PM (Fridays & Saturdays)
8:00 AM to 12:15 PM (Sundays)

Location

Lecture: Lynda J. Young Conference Room
(6-410 [Moos HS Tower](#)) & 4th Floor Pre-clinical Laboratory—Moos HS Tower
Minneapolis Campus

Please Register By

August 26, 2016

Register early to ensure space.

Enrollment is limited to 38.

Course Number

404917

Comprehensive Care programs as well as Marquette University School of Dentistry as a Group Leader. Dr. Ohland served as the first clinical director of the Ronald McDonald Care Mobile and has extensive experience in mobile dental delivery and mission dentistry. *This course is under the direction of Dr. Ohland.*

Margaret Purdy, D.D.S., Adjunct Associate Professor, Division of Prosthodontics, Department of Restorative Sciences, School of Dentistry, University of Minnesota.

Testimonials

What others have liked about the program:

"Highly recommended class! If you're looking to better yourself and/or your practice, this is a must-see class!" *Nichole Sirek, Lonsdale, MN*

"I really enjoyed being here, got me excited again for the passion of dentistry." *Ashley Powell, Robbinsdale, MN*

"Awesome course. All dental assistants should take this course." *Connie Smith, Onamia, MN*

"Great program. So glad I took. Can't wait to use. Instructors were fantastic and made class enjoyable and very helpful. Great advice." *Katie Beaulieu, St. Paul, MN*

"Very fun learning experience! Would recommend this course!" *Dena Leach, Worthington, MN*

Continuing Dental Education

6-406 Moos Health Sciences Tower
515 Delaware St. SE
Minneapolis, MN 55455
612-625-1418
800-685-1418
612-624-8159 (fax)
cdeumn@umn.edu

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Appendix B

Letter from Robert J. Griggs, Interim Dean, Northwest Technical College, Regarding Dental Assistant Education Options and the Development of Restorative Functions Operator/Expanded Functions Dental Auxiliary Training

April 8, 2016

Ms. Marsha Krumm
President
North Dakota Dental Assistants Association
606 South Sedona Drive
West Fargo, ND 58078

Re: Development of Online/Blended Learning Dental Assisting Program at NTC

Dear President Krumm,

I am pleased to inform you that Northwest Technical College (NTC) has begun conversations regarding the development of an online/blended learning program in dental assisting to accompany its highly successful campus-based program offering in Bemidji, Minnesota. As you know, NTC's Dental Assisting program is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education.

In an effort to make the Dental Assisting program more regionally accessible to both traditional and non-traditional students, Northwest Technical College, working in conjunction with dedicated dental professionals, will begin offering the 45-credit diploma program through a combination of online courses and on-campus lab requirements (approximately 12 hours a week Fall semester/approximately 14 hours a week Spring semester in Bemidji). Students will also need to complete a minimum of 300 hours total of clinical experience-internship in two separate dental offices approved by NTC, which could also include clinical experiences in approved locations in North Dakota. In this regard, I would like to explore with you, opportunities to market and promote the online/blended learning program in conjunction with the North Dakota Dental Assistants Association.

The NTC Dental Assisting program prepares graduates to become chair-side dental assistants, qualified to work in a variety of dental practices or advance to an AAS. Courses focus on dental anatomy, dental radiology, dental pharmacology, dental ethics and jurisprudence, dental practice management and expanded functions as well as clinical assisting. All graduates are eligible to complete the Dental Assisting National Board, meet all requirements to write the Dental Assistant State Licensure Exam in Minnesota, and apply for Registration in North Dakota.

NTC is also considering offering a customized training course for Restorative Functions Operator/EFDA, this summer 2016. This course will include an online lecture component, a lab/clinical component (2 separate weekends/Friday and Saturday) in Bemidji, and the final patient requirement component will be completed in the participant's place of employment. The curriculum will satisfy requirements for both Minnesota and North Dakota.

I am including with this letter some additional brochure information on our NTC Dental Assisting program. Thank you again for your interest in NTC and we look forward to working with you to advance dental care throughout our region.

Sincerely,

Robert J. Griggs
Interim Dean
Northwest Technical College
Bemidji, MN

Appendix C

Selected Dental Anesthesia Assistant National Certification Examination Information



2016 Candidate Handbook



Dental Anesthesia Assistant National Certification Examination

American Association of Oral and Maxillofacial Surgeons

Oral and maxillofacial surgeons:
The experts in face, mouth and jaw surgery™



IT IS YOUR RESPONSIBILITY TO READ AND UNDERSTAND THE CONTENTS OF THIS HANDBOOK BEFORE APPLYING FOR THE EXAMINATION.

This Handbook contains current information about the certification examination developed by the Dental Anesthesia Assistant National Certification Examination Advisory Committee (DAANCEAC). It is essential that you keep it readily available for reference until you are notified of your performance on the examination. All previous versions of this Handbook are null and void.

Direct all correspondence, address changes, requests for a current Candidate Handbook, and information about the development and administration of the Dental Anesthesia Assistant National Certification Examination (DAANCE) certification program and recertification to:

DAANCE Advisory Committee

c/o Applied Measurement Professionals, Inc. (AMP)
 18000 W. 105th Street
 Olathe, KS 66061-7543, USA
 888/519-9901
Fax: 913/895-4650
E-mail: info@goAMP.com
 www.goAMP.com

After registering for the examination, candidates may schedule an examination appointment online at www.goAMP.com.

VISION STATEMENT

The Dental Anesthesia Assistant National Certification Examination Advisory Committee raises the standard for anesthesia assistants by defining professional excellence through the Dental Anesthesia Assistant National Certification Examination.

MISSION STATEMENT

The Dental Anesthesia Assistant National Certification Examination Advisory Committee, by providing the only national anesthesia assistant certification, serves to educate, provide and promote the safe standards for supportive dental anesthesia care.

AFFILIATION

The DAANCEAC of the American Association of Oral and Maxillofacial Surgeons (AAOMS), the professional organization representing more than 9,500 oral and maxillofacial surgeons in the United States, was formed in 2007 to advance the profession of the anesthesia assistant through the development of a certification program. The DAANCE Board/Committee establishes policies, procedures and

standards for certification and recertification in the field of anesthesia assistant quality. AAOMS supports its members' ability to practice their specialty through education, research and advocacy. AAOMS members comply with rigorous continuing education requirements and submit to periodic office anesthesia evaluations.

STATEMENT OF NONDISCRIMINATION

The DAANCEAC and AMP do not discriminate against any individual or candidate with respect to age, sexual preference, color, religion, creed, marital status, national origin, race, language, medical conditions or disability. All candidates are considered solely on the basis of their independent ability to meet the eligibility criteria established by the DAANCEAC.

DAANCE PROGRAM OVERVIEW

Introduction

Control of the pain and anxiety of patients undergoing dental and oral and maxillofacial surgery (OMS) procedures is a primary focus of the dental profession. From the early days of anesthesia practice to the modern technology of the present, millions of anesthetic procedures have been rendered safely by dentists trained in the administration of general anesthesia, deep sedation, conscious sedation, nitrous oxide analgesia and local anesthesia.

At the core of this experience are the dentist and his/her office anesthesia team. In the course of prescribed training, the contemporary oral and maxillofacial surgeon spends major periods of time delivering the various forms of anesthesia in the operating room as well as in a specially equipped operatory. In addition to this clinical experience, the training program includes formal didactic material. After completing this intense educational experience, today's graduate of an approved oral and maxillofacial surgery residency has the skills to provide safe and effective pain and anxiety control in both the hospital and office setting. Moreover, a growing number of other dental specialists and general dentists are obtaining training in anesthesia and sedation and using these treatment modalities in their clinical practices.

To put these skills into practice, however, the correct setting must be created. Organized oral and maxillofacial surgery, through its office anesthesia evaluation program and its office emergency manual, has developed a system through which anesthetic services are provided in a well-equipped office by a practitioner knowledgeable in anesthetic practice and emergency management. In the process of evaluating the overall office environment, the AAOMS recognized that a core educational experience could be tailored to the anesthesia assistant. The DAANCE was developed to provide a

continuing education curriculum for professional allied staff. Although this program was initially developed by the AAOMS, there is clearly a need for the training of anesthesia assistants in all dental practices where anesthesia and sedation are administered.

The goals of this program are meant to provide a means for the dentist providing anesthesia and/or sedation to help educate staff in the essentials of office-based ambulatory anesthesia. It is anticipated that, with a better understanding of these principles, the office anesthesia assistant will make a significant contribution to the patient care team. This program is designed to assist not only the OMS office, but any dental office delivering outpatient anesthesia for other dental procedures. Doctors are encouraged to follow up with their state dental board for an assistant's full scope of practice.

Definition of the Anesthesia Assistant

A Dental Anesthesia Assistant (DAA) possesses the expertise to provide supportive anesthesia care in a safe and effective manner. The DAA is knowledgeable in the perioperative and emergent care management of patients undergoing office-based outpatient anesthesia. The DAA is able to effectively communicate pertinent information to patients and their escorts, as well as members of the healthcare team.

Eligibility Requirements

The following are the eligibility requirements for participation in the DAANCE program:

- You must be employed for at least six months by either an oral and maxillofacial surgeon who is a fellow or member of the AAOMS or by a dental professional who holds a valid anesthesia permit.
- Non-AAOMS offices must enclose a copy of their anesthesia permit with each application submitted.
- You must provide a copy of a CURRENT CPR or BLS certification with your registration form in order to receive study materials.
- The CPR or BLS certification must be current through your examination date (a minimum of six months or your registration will not be approved and you will not receive your registration materials). Once a new CPR card is received, your application will be processed and the study package sent. If a new CPR card is not received within 6 months of notification, you will be required to submit a new application and fee to qualify for the examination.

About DAANCE

The DAANCE is a two-part continuing education program comprised of approximately 36 hours of self-study material and quizzes and a standardized, computer-based exam. The course is designed for oral and maxillofacial surgery assistants or assistants employed by other dental professionals with valid anesthesia permits.

The American Association of Oral and Maxillofacial Surgeons is an ADA CERP Recognized Provider.

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

The American Association of Oral and Maxillofacial Surgeons designates this activity for 36 continuing education credits.

Upon successful completion of the final examination, the assistant will receive proof of certification and a program completion lapel pin.

Educational Objectives

Upon completion of this course the dental anesthesia assistant should be able to:

1. Describe the basic anatomy and physiology of the cardiovascular and respiratory systems;
2. Describe the vascular anatomy of the forearm;
3. List the divisions of the central nervous system;
4. Discuss the components of the medical history and the review of systems;
5. Compare and contrast the differences between general anesthesia, deep sedation, conscious sedation, nitrous oxide analgesia and local anesthesia;
6. Discuss the drugs and techniques utilized by the oral and maxillofacial surgery anesthesia team to achieve various levels of anesthesia or sedation;
7. Identify basic office emergencies and their treatment, including cardiovascular, respiratory, allergic, and convulsive emergencies;
8. Describe the essentials of monitoring blood pressure, pulse and oxygen saturation;
9. Recognize normal electrocardiograph (ECG) waves and recognize serious abnormal variations from the normal rhythm; and
10. Recognize the essentials and importance of a complete medical record.

The program is composed of two parts: 1) the self-study component with quizzes and 2) the final exam. First, the assistant and the sponsoring surgeon should establish a study schedule and a target date for the final examination. For best availability, call to reserve this date as soon as you have identified several preferred options. Working backward from your final exam date, set up a schedule for completing each module. Allow several weeks to complete each module. Because individuals work at different paces, DAANCE allows participants the opportunity to customize their study schedules. Some modules may require additional study time. Study should consist of reading the suggested material for the module as listed in the course Syllabus. The sponsoring surgeon should be available to discuss questions about each module during the weeks designated for studying them. Establish a target date for completing and taking the quiz for that module. The sponsoring surgeon has the answer key and should allow time for discussing the correct answers with the assistant. Candidates are given six months from their activation date to take the DAANCE test.

Registration Information

Each assistant enrolling in the program must complete a registration form. You may photocopy the registration form. NOTE: It is your responsibility to include the correct practice/office mailing address and e-mail on the registration form in order to receive important communications about the DAANCE Program. If your mailing address or e-mail address changes, please contact AMP (information below) with your updated information.

Mail registration forms to:

Applied Measurement Professionals, Inc. (AMP)
18000 W. 105th Street
Olathe, KS 66061-7543

Or fax registration forms to 913/895-4650.

Phone registrations are not accepted.

Direct questions to AMP at 888/519-9901. Refer to the AAOMS DAANCE program.

Course materials will be mailed only to the sponsoring doctor's office address.

Please allow AMP three weeks to process the application and mail study materials.

Fees and Payment

Tuition is \$300 for AAOMS member OMS-sponsored staff and \$450 for other dentist-sponsored staff. Registration fee includes the DAANCE study materials and examination fee.

Candidates who request testing in international locations will be accommodated through Web-based technology and given computerized examinations in a testing environment similar to the conditions available through AMP's national Assessment Center Network. Please refer to AMP's Web site at www.goAMP.com for a current listing of international testing centers. Candidates who desire to take an examination outside the United States should submit a written request containing the desired testing location along with the required additional \$80 fee for Canada/Puerto Rico locations or \$100 fee for all other international locations with their application.

SELF-STUDY COMPONENT

For ultimate success with the program it is best to collaborate closely with your sponsoring doctor to prepare for the DAANCE. However, while the self-study component should be overseen by the sponsoring doctor, you should familiarize yourself with the course syllabus and study guide for the specific modules to be covered on your own. You and the sponsoring doctor should first establish a study schedule and a target date for the final examination. For best availability, it is suggested that you call to reserve this date as soon as you have identified several preferred options. Please note: candidates are given six months from their activation date to take the examination. The activation date is the date an application is made eligible. If you are not sure of your activation date and/or testing deadline date, call AMP at 888/519-9901 to confirm. Working backward from your final exam date, you and your sponsoring doctor will then set up a schedule for completing the curriculum of each module and corresponding quiz, allowing several weeks to complete each module. Because each individual may work at a different pace and some modules may require additional study time, DAANCE offers you the opportunity to customize your study schedules. Study should consist of reading the content of the module as well as the suggested additional material for each module as listed in the course syllabus. The sponsoring doctor should be available to discuss questions regarding each module during the weeks that you designate for studying that content. Then establish a target date to complete and take the quiz for each module. The sponsoring doctor is provided the answer key for all quizzes and should then grade the quizzes, allowing adequate time to review the results and discuss the correct answers with you. After completing the quizzes and self-study portion of the program, and once prepared to take the final examination, you may then either schedule an examination appointment if you have not done so already by calling AMP, or sit for your scheduled examination.

Topics Covered

Assistants and sponsoring doctors will each receive study materials that focus on the following five areas:

- Basic sciences
- Systemic diseases and evaluation/preparation of patients
- Anesthetic drugs and techniques
- Anesthesia equipment and monitoring
- Office anesthesia emergencies

A suggested reading list is included in the DAANCE study guide. Upon completion of each module, the assistant will take a practice quiz, which the sponsoring doctor will score. The doctor will receive an answer key with his/her study guide. These quizzes are for reference and do not need to be submitted to AAOMS. When the assistant has completed all study guide modules and practice quizzes, it is time to schedule the final examination.

Management and Examination Services

The DAANCEAC has contracted with AMP to provide management and examination services. AMP is a research and development firm that conducts professional competency assessment research and provides examination services for a number of professional educational programs. AMP provides administrative support for the certification process and Board operations. AMP assists in the development, administration, scoring, score reporting and analysis of the DAANCE. Contracting with a management and examination services firm provides a stable base from which the voluntary DAANCEAC operates and serves as a conduit of information between certified professionals, candidates, and the DAANCE Board/Committee. AMP carefully adheres to industry standards for development of practice-related, criterion-referenced examinations to assess competency. AMP offers a full range of services, including practice analyses and development of examination specifications, psychometric guidance to committees of content experts during examination question writing, development of content-valid examination instruments, publishing, examination administration, scoring, and reporting examination results.

Certification

To ensure that the DAANCE examination meets existing professional testing standards, the DAANCEAC follows the Standards for Educational and Psychological Testing (1999), as published by the American Educational Research Association, American Psychological Association and the National Council on Measurement in Education. The Standards are designed to establish criteria for appropriate development, use and interpretation of tests. The examination is available

in computer-based format at assessment centers in the United States.

You must pass the examination to become certified. Your certification in Dental Anesthesia Assisting is effective on the date you pass the examination. The credential is valid from that date through a five-year period from the month of your examination (for example, if you pass at some point between July 1 – 31, 2011, your expiration would be July 31, 2016). Upon successful completion of the final examination, you will receive proof of certification and a program completion lapel pin.

Recertification

DAANCE certification is valid for five years. To recertify, assistants must retake the DAANCE examination every five years and maintain current BLS and/or ACLS certifications.

Preparation for the Examination

Enrolled assistants should familiarize themselves with the course syllabus and study guide for the specific module to be covered. Requested reading source material is to be reviewed by the anesthesia assistant as part of the program as well. Through close interaction between the sponsoring doctor and the assistant, these academic materials should be reviewed.

The assistant and sponsoring doctor should establish a timeline for moving through the curriculum and the quizzes covering the module. The quizzes should be graded by the sponsoring doctor.

Every anesthesia assistant registered in DAANCE is required to be certified in Basic Cardiac Life Support (BLS), Advanced Cardiac Life Support (ACLS) or cardiopulmonary resuscitation (CPR). It is our hope that this combined educational venture will strengthen the anesthesia assistant's knowledge and skills and ultimately contribute to improved patient care.

About the Examination

The DAANCE examination consists of 115 multiple choice questions. Fifteen items will be included as pre-test items, which are unscored and will not affect a candidate's score. Candidates will have two hours to complete the exam. The examination is administered in a computerized format that is easy for individuals at all levels of computer literacy. The DAANCEAC uses the following percentage guidelines in selecting the three types of questions that appear on each examination: 37% recall, 47% application and 16% analysis. Recall questions test the candidate's knowledge of specific facts and concepts. Application questions require the candidate to interpret or apply information to a situation. Analysis questions test the candidate's ability to evaluate, problem

solve or integrate a variety of information and/or judgment into a meaningful whole.

Confirmation of a candidate’s eligibility will be valid for a period of six (6) months. If a candidate fails to schedule an examination appointment within the six (6) month eligibility period, he or she will forfeit fees and be required to reapply and resubmit the full application fee to receive a new window of eligibility.

Pretesting

Pretesting items allows the DAANCEAC to collect meaningful statistics about new questions that may appear as scored items on future examinations. Pretesting is accomplished by interspersing new untried questions throughout the examination. These items are not scored as part of the candidate’s examination, and they do not affect an individual’s pass/fail status. The pretest questions are scattered throughout the examination so candidates will answer them with the same care they would items to be scored as part of the final examination. The statistical performance of the pretest items is later evaluated, and items that perform well can then be included on a future examination as scored items.

THE DAANCE EXAMINATION

Examination Administration

The final examination will be administered at testing sites throughout the country. All questions about examination dates or sites should be directed to AMP.

Applied Measurement Professionals, Inc. (AMP)
 18000 W. 105th Street
 Olathe, KS 66061-7543, USA
 888/519-9901
 Fax: 913/895-4650
 E-mail: info@goAMP.com
 www.goAMP.com

Assessment Center Locations

The final examination will be administered by Applied Measurement Professionals, Inc. (AMP). Specific address information will be provided when you schedule an examination appointment. Detailed maps and directions are also available on AMP’s Web site at www.goAMP.com.

Scheduling the Final Examination

The examination will be administered exclusively in a computerized format at established Assessment Centers nationwide. The computerized examination is easy for individuals with all levels of computer experience to take. Easy-to-follow instructions are displayed on screen, and time is allotted for practice prior to starting the actual examination. Appointments must be made at least two business days in advance. Results are available immediately after completion of the examination.

After completing the quizzes and self-study portion of the program, you may schedule an examination appointment online at www.goAMP.com or by calling AMP toll-free at 888/519-9901. The examinations are administered by appointment only Monday through Saturday at 9:00 am and 1:30 pm. Individuals are scheduled on a first-come, first-served basis. For best availability, you are encouraged to schedule examination appointments well in advance of your desired date.

If you have not received your testing deadline date, contact AMP to verify the date by which you must take your test. It is your responsibility to obtain and remember your expiration date.

You must go online or call to schedule an examination appointment at least 2 business days in advance. UNSCHEDULED CANDIDATES (WALK-INS) WILL NOT BE ADMITTED to the assessment center. If you do not attempt to take the examination before your eligibility period expires, you will forfeit your opportunity to test and must re-register and submit full payment in order to take the exam.

When you call to schedule an appointment for examination, you will be notified of the time to report to the assessment center. Please make a note of it because you will NOT receive an admission ticket.

| If you contact AMP by 3:00pm Central Time on: | Depending on availability, your examination may be scheduled as early as: |
|---|---|
| Monday | Wednesday |
| Tuesday | Thursday |
| Wednesday | Friday (Saturday if available) |
| Thursday | Monday |
| Friday/Saturday | Tuesday |

Dental Anesthesia Assistant National Certification Exam



Fees and Payment

Tuition includes the DAANCE Study Materials and Examination Fee.

Additional suggested readings are:

- AAOMS Office Anesthesia Evaluation Manual, 8th edition; and
- SASS III Manual: Advanced Protocols for Medical Emergencies, 4th Edition

These additional readings must be ordered separately through AAOMS Publications at 800/366-6725 or online at aaomsstore.com.

Substitution/Cancellation and Refund Policies

All substitutions and cancellations must be made using the DAANCE Substitutions and Cancellations Form provided in the DAANCE Study Guide, or on the AAOMS Web site at aaoms.org.

Candidates may reschedule ONE appointment for examination at no charge by calling AMP at 888/519-9901 at least two (2) business days prior to the scheduled testing session. A rescheduling fee of \$85.00 will be charged for any subsequent appointment changes within the candidate's eligibility period.

It is the responsibility of the sponsoring doctor to notify AMP of the substitution and to transfer previously provided course material to the substitute registrant. New course material will not be provided to the substitute registrant.

If a cancellation is made before 90 days, the sponsoring doctor will receive a refund equal to 50% of the registration fee. Substitutions must be made 30 days before the candidate's expiration of eligibility.

Candidates have six months from their activation date to take their examination. If unsure of the testing deadline date, contact AMP at 888/519-9901.

†Candidates who wish to take an examination outside the United States should submit a written request containing the desired testing location along with the required additional \$80 fee for Canada/Puerto Rico locations or \$100 fee for all other international locations with their application.

2016 Registration Form



Assistant Information (as it should appear on the certificate):

Please print or type

Mr./Ms. First Name Middle Initial Last Name

E-Mail Address

(Note: Correspondence about the course and examination will be sent to the e-mail address you provide here. Any changes to this e-mail address should be provided to AMP.)

Have you previously participated in the OMAAP program? Yes No

Provide your current practice address information below. Do not provide your home address. It is your responsibility to contact AMP should this information change.

Sponsoring Doctor Practice Name

Practice Address Suite # City State Zip

E-mail Daytime telephone number

I certify that the participant named above will have completed course materials and quizzes prior to sitting for the Dental Anesthesia Assistant National Certification Examination. I further certify that the participant named above possesses a valid CPR or BLS card, and will maintain current CPR or BLS certification through the date of the examination.

Participant's Signature Date Sponsoring Doctor's Signature Date

A copy of the participant's current CPR or BLS card is enclosed Y N

Please indicate the status of your sponsoring surgeon:

- AAOMS Member OMS Sponsor Tuition \$300.00
- Other Dental Professional* Tuition \$450.00

Specify Specialty: _____

**Non-AAOMS member/sponsoring dental professional must enclose a copy of their valid anesthesia permit.*

- Canada/Puerto Rico† Tuition \$80.00
- Other International Locations† Tuition \$100.00

Total Tuition: \$ _____

PAYMENT BY CREDIT CARD

When paying by credit card, complete the information below and return it with completed registration form. **Fax to: 913/895-4650 Mail to: AMP, 18000 West 105th Street, Olathe, KS 66061**

Credit Card: MasterCard Visa Discover American Express

Name of Cardholder Credit Card Number

Expiration Date Cardholder Signature

Credit Card Billing Address City State Zip

PAYMENT BY CHECK

Payment must be made in U.S. currency and payable to AMP.

Mail with completed form to:
Applied Measurement Professionals, Inc.
18000 West 105th Street
Olathe, KS 66061

Please remember to include a copy of your CPR or BLS certification with your registration form to receive the study materials. Your CPR or BLS certification must be current through your examination date (a minimum of six months.) Allow AMP three weeks to process your application and mail you study materials. For inquiries please call AMP at 888/519-9901.

Appendix D

Further State-by-State Information About Expanded Functions Education Programs for Dental Assistants Providing Instruction in Restorative Functions



Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

DANB

**Information About Expanded Functions Education Programs for Dental Assistants
Providing Instruction in Restorative Functions**

December 2015

Dental Assisting National Board, Inc.
444 N. Michigan Ave., Suite 900
Chicago, IL 60611
1-800-367-3262
www.danb.org

NDDAA

04/2016

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Dental Assisting National Board, Inc.

Measuring Dental Assisting Excellence®

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| For More Information..... | 30 |
| Attachments | <i>See separate "Attachments" file</i> |
| <ul style="list-style-type: none"> Alaska Administrative Code - Course Requirements for Restorative Functions Courses California - Registered Dental Assistant in Extended Functions (RDAEF) Program Application for Approval by the Dental Board of California Illinois Administrative Code - Restorative Functions Course Requirements Minnesota Board of Dentistry – Restorative Functions Board Approved Course Guidelines New Hampshire Administrative Rules - Restorative Functions Course Requirements New York Regulations – Course requirements for certified dental assisting programs Ohio Administrative Code - EFDA Course Requirements Oregon Board of Dentistry DA Restorative Course Curriculum Template Pennsylvania Application for Approval of Expanded Function Dental Assistant Education Program Tennessee Rules, Restorative Course Requirement Washington Expanded Function Dental Auxiliary (EFDA) Education Program Approval Application Packet Washington Expanded Function Dental Auxiliary (EFDA) Curriculum Guideline | |

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Dental Assisting National Board, Inc.
Measuring Dental Assisting Excellence®

About DANB

Mark of Dental Assisting Excellence™

Established in 1948, DANB is recognized by the American Dental Association (ADA) as the national certification board for dental assistants. More than 36,000 dental assistants are currently DANB certified nationwide. DANB, a nonprofit organization, is a member of the Institute for Credentialing Excellence and has earned and maintains accreditation for its eligible certification programs from the National Commission for Certifying Agencies (NCCA), which recognizes professional certification programs that meet rigorous NCCA standards.

DANB certifications and exams are currently recognized or required in 39 states, the District of Columbia, the U.S. Air Force and the Department of Veterans Affairs.

DANB offers five national certifications, each consisting of these component exams:

National Entry Level Dental Assistant (NELDA®)

Anatomy, Morphology and Physiology (AMP)
Radiation Health and Safety (RHS®)
Infection Control (ICE®)

Certified Dental Assistant (CDA®)

General Chairside Assisting (GC)
Radiation Health and Safety (RHS®)
Infection Control (ICE®)

Certified Orthodontic Assistant (COA®)

Orthodontic Assisting (OA)
Infection Control (ICE®)

Certified Preventive Functions Dental Assistant (CPFDA®)

Coronal Polish (CP)
Sealants (SE)
Topical Anesthetic (TA)
Topical Fluoride (TF)

Certified Restorative Functions Dental Assistant (CRFDA®)

Anatomy, Morphology and Physiology (AMP)
Isolation (IS)
Temporaries (TMP)
Impressions (IM)
Sealants (SE)
Restorative Functions (RF)



Introduction

Background and Purpose

DANB's mission is to promote the public good by providing credentialing services to the dental community. As part of its mission, DANB collects and compiles information about dental assisting laws and regulations nationwide and takes note of trends in oral healthcare, so that DANB may be ready to assist the stakeholders who rely on its services to measure the knowledge-based competence of allied dental personnel. As a service to the oral healthcare community, DANB makes many of its information resources available to state regulators, oral healthcare membership associations and other important stakeholder groups.

In connection with its December 2015 meeting, the American Dental Association's Council on Dental Practice (CDP) asked DANB to gather and compile information about education and training programs for dental assistants that provide instruction in restorative functions – specifically, placement, condensing and carving/finishing of amalgam and composite restorations – for the purpose of beginning to assist the CDP and its stakeholders in efforts to assess the availability, cost and accessibility of restorative functions education programs as a whole and in individual states. The data collection was informal, and the report is intended to be used for qualitative rather than quantitative analysis.

Selection of States

DANB was asked to identify states that allow some level of dental assistant or expanded function dental assistant/auxiliary (EFDA) to perform placement and finishing of amalgam and/or composite restorations and that require the dental assistant to complete some type of structured education program prior to performing these functions. DANB identified the following 18 states for inclusion in this report:

| | | |
|---------------|---------------|--------------|
| Alaska | Minnesota | Oregon |
| California | Missouri | Pennsylvania |
| Illinois | New Hampshire | Tennessee |
| Maine | New Mexico | Vermont |
| Massachusetts | New York | Virginia |
| Michigan | Ohio | Washington |

In addition, the report includes two states, Colorado and Indiana, in which the state dental practice act and related regulations do not expressly authorize dental assistants to perform restorative functions and also do not expressly prohibit dental assistants from performing these functions. In both of these states, instruction in restorative functions is currently available to dental assistants, and DANB has included information about restorative functions programs currently available in these states to the extent that such information was accessible through Internet searches. The state boards of dentistry in these states do not approve or regulate this education, and DANB has been unable to verify that the lists of available courses for these two states is complete. DANB became aware that restorative functions education for dental assistants was available in these two states from anecdotal reports; if there are other states in which placing and finishing direct restorations is being taught to and performed by dental assistants without being expressly addressed in state statutes or regulations, DANB is not aware of them and has, therefore, not included them in this report.

DANB also identified four states in which recent legislative or regulatory changes have authorized delegation of restorative functions to dental assistants who meet specified education, training, examination and/or other requirements but that have not yet fully implemented the expanded functions program and have not yet begun approving restorative functions courses or registering/authorizing expanded functions assistants to practice. These states are: Alabama, Arizona, Iowa and North Dakota. These states are not listed in the table that follows this introduction.

Data Gathering

DANB gathered the data presented in this report from various sources through informal communications rather than a formal survey. As a first step, DANB visited the state dental board's website or contacted state dental board staff to obtain a list of approved courses. If no list was available or no response was received, DANB used Internet searches or inquiries to other stakeholder groups, such as state dental societies, to attempt to obtain information about available courses. Once approved courses or programs were identified, DANB sought to obtain information about course content, duration and fees from the course provider's website or from direct communication with the course provider.

The lists of available courses for each state may be incomplete or may contain errors, especially if the information was obtained from a source other than the state dental board. In some cases, approved courses are not offered every year, but may be offered at less frequent intervals; as a result, information about the course (especially cost information) may be unavailable at present or may be an approximation based on historical information. The specific course information in the report is only as accurate, complete and current as the information found on the course provider's website or received from the course provider by telephone or email. In some cases, requests for information addressed to individual course providers received no response.

Some state-approved restorative functions courses are available only to students enrolled in dental hygiene programs. Where it was clear that an approved restorative functions course or program does not admit dental assistants, the program has been omitted from the list in the table that follows this introduction.

Description of the Data

Column 2: State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions

In some states, restorative functions courses may be offered to dental assistants on a standalone basis, while in others, instruction in restorative functions is part of a longer curriculum addressing the full scope of practice of an RDA, EFDA or equivalent level of dental assistant in a state. For this reason, when reviewing information about the duration of a program and associated costs, it is important to note the number and types of functions that this education addresses; information about the number of functions included in the authorized scope of practice for the level of dental assistant who must complete the described education program can be found in the second column of the table, under the heading "State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions." For example, when considering that education for a California RDAEF consists of 410 hours and costs between \$14,800 and \$25,000, it is important to note that the education must cover restorative functions, plus 17 additional RDAEF functions. By contrast, in Tennessee, a course that covers only restorative functions is 96 hours, with costs in the range of \$3,775 to \$4,175.

Column 3: EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N)

If every dental assistant who performs restorative functions in the state must complete education offered by or within a CODA-accredited dental assisting, dental hygiene or dental school program, then this column is marked with an "R," indicating that education from a CODA-accredited program is required.

If completing restorative functions education in a CODA-accredited program is just one of two or more ways to satisfy the training requirements for dental assistants who perform restorative functions, but education from other sources is also accepted, this column is marked with an "A," indicating that education from CODA-accredited program is accepted.

If the CODA accreditation status of a course provider is not mentioned in the laws or rules defining requirements for restorative functions education for dental assistants, this column is marked with an "N," indicating that CODA-accreditation is not recognized for this purpose. In this case, some programs that offer approved restorative functions education might be accredited by CODA, but the state does not consider CODA-accreditation status in recognizing or approving restorative functions-related courses.

Column 4: State Board Approves Restorative/EFDA Programs (Yes/No)

If the state dental board reviews and approves restorative functions education for dental assistants, this column is marked “Yes.” If the state board does not approve these programs – for example, if the state sets out program requirements in statute or rule but does not conduct a review of programs to verify that they have met the requirements – then this column is marked “No.”

Column 5: State Board’s Course Approval Criteria Are Available

If the state publishes a document outlining its course approval criteria, or if such criteria are defined in rule, this column is marked “Yes” and the documents containing these criteria are included in an “Attachments” file accompanying this report. Additional information about the type of document available might also be included in this column.

Columns 6 through 10: Course-Specific Information

Information about individual restorative functions programs or courses is contained in columns 6 through 10, including the name of the course provider/sponsor; the web address for the course or program; a brief summary of course content, as presented on the program’s website or in an online college course catalog; the duration of the program, in whatever units it is measured by the program (contact hours, credit hours, weeks, etc.); and program costs, including tuition, fees and material costs, when available.



Information About Dental Assisting Expanded Functions Education Programs Providing Instruction in Restorative Functions

Prepared by the Dental Assisting National Board, Inc. (DANB)
December 2015

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|-------------------|--|--|--|--|---|---|---|------------------------|--|
| Alaska | Placement of a restoration into a cavity prepared by a licensed dentist and the subsequent carving, contouring, and adjustment of the contact and occlusion of the restoration | A | Yes, if not CODA accredited | Yes (In regs - see attachment) | No response received from Alaska Board of Dental Examiners regarding approved programs and no information found on Board's website. Information about the program below was obtained through contact with other stakeholders. | | | | |
| | | | | | University of Alaska Anchorage (Dental Hygiene Program) | None (has not been offered for two years; will likely be offered in 2016) | Program is in the process of changing format from a nine-month classroom program to a blended learning format (delivering didactic instruction via distance learning followed by several weeks of hands-on instruction); first administration of course in new format will likely be open only to hygienists, with enrollment of assistants to follow later. For DAs, program requires CDA certification or graduation from CODA-accredited dental assisting program as prerequisite. | | Not available |
| California | Place, contour, finish, and adjust all direct restorations and 17 other RDAEF functions. | N | Yes | Yes (see attachment) | | | | | |
| California | | | | | Expanded Functions Dental Assistant Association - (760) 200-2851 | http://www.efdaaservices.com/rdaefprograms.htm | 410 hours, taught in a series of four individual courses that must be successfully completed in sequence | | 2016 Costs Course 1 - \$4,500 Course 2 - \$2,900 Course 3 - \$2,900 Course 4 - \$2,900 Mandatory Student Kit - \$1,600 Total: \$14,800 |
| California | | | | | J Productions Dental Seminars Inc. - (916)801-7170 | http://www.rdaakits.com/rdaef2/RDAEFCoursebrochure.html/index.htm | Hours not specified but state requires minimum of 380 hours | | 2016 Costs Section 1 - \$5,500 Section 2 - \$5,500 Section 3 - \$5,500 Section 4 - \$5,500 Mandatory Instrument Issue: \$3,000 Total: \$25,000 |
| California | | | | | Sacramento City College - (916) 558-2443 | | Despite the fact that this program is listed on the Dental Board of California's website as an approved program, there does not appear to be an RDAEF program offered at this school. | | |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|------------|--|--|--|--|---|---|---|---|---|
| California | | | | | University of California, Los Angeles - (310) 206-8388 | https://www.dentistry.ucla.edu/learning/daef-ii-module-i | | Hours not specified but state requires minimum of 380 hours | 2015-2016 Costs Module 1: \$4,700 (six weekend sessions) Module 2: \$6,300 (eight weekend sessions) Module 3: \$7,000 (nine weekend sessions) Total: \$18,000 |
| California | | | | | University of the Pacific Arthur A. Dugoni School of Dentistry - (415) 929-6485 | http://dental.pacific.edu/Continuing_Education/RDAEF_Program.html | | 410 hours | 2014-15 Tuition: \$18,895 Student Kit: \$2,495 Total: \$21,390 |
| Colorado | Restorative functions for dental assistants not expressly authorized in statute or rule. | Requirements not described in statute or rule. | Requirements not described in statute or rule. | N/A | (Programs found through Internet search. List may be incomplete.) | | | | |
| Colorado | | | | | Pima Medical Institute (Colorado Springs campus) | http://pmi.edu/Programs/Courses/Expanded-Duties-Dental-Assistant | Course Identifying cavity classifications; packing, carving and polishing amalgam restorations; placing temporary filling materials or ion crowns; and more | approx. 45 hours (3 months) | Tuition and materials: \$2,005 |
| Colorado | | | | | Pima Medical Institute (Denver campus) | http://pmi.edu/Programs/Courses/Expanded-Duties-Dental-Assistant | Identifying cavity classifications; packing, carving and polishing amalgam restorations; placing temporary filling materials or ion crowns; and more | 45 hours (9 weeks) | Tuition and materials: \$2,005 |
| Colorado | | | | | Colorado School of Dental Assisting | http://schoolofdentalassisting.com/inperson.php?action=viewcourse&course_id=7 | *Provisional Coverage *Final Impressions *Rubber Dam Placement *Placement of Amalgam Restorations *Placement of Composite Restorations *Bases *Linings *Bonding Techniques | 5 weeks (Sat. and Sun.) | Tuition, books and materials: \$1,295 |
| Colorado | | | | | Denver College of Dental Careers | http://hospital-denvercollegeofdentalcareers.com/ | Clinical skills will include but not be limited to: - Restorative (placing composite and amalgam restorations I, II, III, IV, V surfaces) - Acrylic Provisionals (single units) - Introduction to implants and the role of the staff in support such as but not limited to set up and clarity of all phases of treatment. - Team verbal skills to support case acceptance. - Introduction to Invisalign and the staff's role and support | 10 weeks (approx. 40 hours) | Tuition: \$850 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|--|--|--|--|--|---|--|---|---|
| Colorado | | | | | Academy for Dental Assisting Careers | http://www.academyfordentalassistingcareers.com/#/eddac1fwp | Tooth Anatomy and Occlusion Amalgam Restoration - Class I - Class II - Class V Composite Restoration - Class I -Class IV - Class II -Class V - Class III -Class VI Sealants | 2 weekends (one evening and four full days) | Tuition: \$1,200 Course Supplies: \$250.00 Total: \$1450.00 |
| Illinois | Placing, carving, and finishing amalgam restorations | R | No | State does not approve courses, but course requirements are defined in regulation. See attachment. | | | | 40 credit hours | |
| Illinois | | | | | As of today, no restorative functions courses have been initiated. DANB is aware of efforts to develop courses by Illinois State Dental Society and Kaskaskia College. | | | | |
| Indiana | Restorative functions for dental assistants not expressly authorized in statute or rule. | Requirements not described in statute or rule. | Requirements not described in statute or rule. | N/A | (Programs found through Internet search. List may be incomplete.) | | | | |
| Indiana | | | | | Indiana University - School of Dentistry - IUPUI | https://www.dentistry.iu.edu/index.php/download_file/view/2001/166/ | Restorative functions for dental assistants not expressly authorized in statute or rule. Course content includes: terminology, anatomy, rubber dam technique, resin and amalgam restorative techniques for Class I, II, III, IV and V restorations, as well as the necessary matrix technique for each restoration | 52 instructional hours, over 6 weeks, over three months | \$1,350.00 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|---|--|--|--|---|---|---|---|--------------------|
| Indiana | | | | | Indiana Dental Academy | http://indianadentalacademy.org/styled/efda.html | Restorative functions for dental assistants not expressly authorized in statute or rule. Course content (from course website) includes: composite restorations amalgam restorations custom temporary restorations how, when and where to use different matrix bands pre-fab temporary restorations tips on placing bonding and desensitizing agents tips and hints to make a superior EFDA sealant and rubber dam placement sedative temporary fillings (for pain relief) shade selection guidance laboratory best practices ...and so much more! | 6 Saturdays with one Friday evening session | \$915.00 |
| Indiana | | | | | Dental Office Training by Lynn | http://www.dentaloffice trainingbylynn.com/upcomingclasses-dentalassistingindy/ | Not available | 6 weeks | Not available |
| Maine | Place and contour amalgam, composite and other restorative materials prior to the final setting and/or curing of the material; and 12 other EFDA functions. | A | Yes | No; code indicates that EFDA must complete a formal program in EFDA approved by the Board at a CODA accredited program or an equivalent program as determined by the Board | | | | | |
| Maine | | | | | Expanded Functions Dental Assisting - Center for Technology Education - Continuing Education Division (SKILLTECH) - Essex Junction, Vermont | See Vermont, below | | See Vermont, below | See Vermont, below |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|---------------|--|--|--|--|---|---|--|--|---|
| Maine | | | | | Expanded Function Dental Assistant Program - University College Bangor (UCB) - affiliated with the University of Maine (UMA) - Bangor, Maine - Jolene Lee | http://www.umaine.edu/academics/programs/dental-hygiene/efda/ | | 210 hours | Fall 2015 Tuition: \$1,302 Fees: \$188 Program Fee (textbooks, supplies, etc.): \$3,205 Spring 2016 Tuition: \$434 Fees: \$63 Program Fee (textbooks, supplies, etc.): \$750 Total: \$5,942 |
| Maine | | | | | Expanded Function Dental Assistant Program - York County Community College (YCCC) - Wells, Maine - Paulette Millette | http://www.yccc.edu/business-community/business/continuing-education/course-schedule-2014-nc/ | | 240 hours (160 preclinical; 80 externship) | \$5,550 |
| Maine | | | | | Expanded Function Dental Assistant Program - Median School of Allied Health Careers - Pittsburgh, PA | | | No longer exists but Vet Tech Institute maintains transcripts for former Median students | |
| Maine | | | | | Cape May Technical School - Cape May Court House in New Jersey | Expanded Functions Dental Assisting Program under review by the Maine Board of Dental Examiners (cannot find any information indicating that this program teaches placement and finishing of direct restorations) | | | |
| Massachusetts | Place restorative materials in tooth for condensation and finishing by the dentist; Place and condense amalgam restorations, Place and finish composite restorations, Carve, contour, adjust amalgam restorations; and 52 additional dental assisting and EFDA duties | R | No (Board is not authorized to approve programs.) | N/A | | | | | |
| Massachusetts | Note: CODA accreditation standard 2-10, part of new CODA standards adopted in 2013, states the following: <i>Where graduates of a CODA-accredited program are authorized to perform additional functions defined by the program's state-specific dental board or regulatory agency, program curriculum must include content at the level, depth, and scope required by the state. Further, curriculum content must include didactic and laboratory/preclinical objectives for the additional dental assisting skills and functions. Students must demonstrate laboratory/preclinical competence in performing these skills in the program facility prior to clinical practice.</i> There are eight CODA-accredited dental assisting programs in Massachusetts. We have received informal information indicating that only one currently teaches expanded functions and that the others are in the process of taking steps to conform to this requirement. | | | | Southeastern Technical Institute (Note: Per communication with Board, this program teaches expanded functions, but online course descriptions do not seem to include placement and finishing of direct restorations.) | http://stitech.org/index.php/dental-assisting/ | | part of full-length nine-month program | Costs for Full-Length Program Tuition: \$5,000/\$9,000* Books: \$815.00 Uniforms: \$150.00 Program/Student Fees: \$1,300.00 *Out-of-district tuition. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|-----------|---|--|--|---|--|---|--|---|---------------------------|
| Michigan | Placing, condensing and carving amalgam restorations; placing Class I resin bonded restorations, occlusal adjustment, finishing, and polishing with non-tissue cutting rotary hand pieces; and 32 additional RDA functions. | R | Yes (reg incorporates CODA standards by reference) | CODA standards are the criteria | | | | | |
| Michigan | <p>Note: CODA accreditation standard 2-10, part of new CODA standards adopted in 2013, states the following: <i>Where graduates of a CODA-accredited program are authorized to perform additional functions defined by the program's state-specific dental board or regulatory agency, program curriculum must include content at the level, depth, and scope required by the state. Further, curriculum content must include didactic and laboratory/preclinical objectives for the additional dental assisting skills and functions. Students must demonstrate laboratory/preclinical competence in performing these skills in the program facility prior to clinical practice.</i></p> <p>There are nine CODA-accredited dental assisting programs in Michigan. State dental board personnel have confirmed that all of these programs currently teach all of the expanded functions allowed to be performed by RDAs in Michigan.</p> <p>In 2004, Michigan added expanded functions to the scope of practice of RDAs, after which courses were available to allow existing RDAs receive education in the new functions. State dental board personnel have confirmed that all of the CODA-accredited dental assisting programs in Michigan currently offer these expanded functions programs.</p> | | | | | | | | |
| Minnesota | Placing, contouring, and adjusting amalgam restorations, glass ionomers, and supragingival composite restorations (class I & V) where the margins are entirely within the enamel on permanent/primary teeth; adapting and cementing stainless steel crowns on permanent/primary teeth; and placing, contouring, and adjusting supragingival composite restorations (class II & V) on primary teeth, a dental hygienist or dental assistant must successfully complete a board-approved course on these specific restorative procedures. | A | Yes, if not CODA-accredited | Yes, see attachment | (Note: The Minnesota Board of Dentistry has also approved two restorative courses that are only open to students enrolled in the sponsoring dental hygiene program. Because these programs are not open to dental assistants, they are not listed here.) | | | | |
| Minnesota | | | | | University of Minnesota School of Dentistry | http://www.dentistry.umn.edu/dentace/courses/ref/index.htm | | 80 hours plus required clinical experiences | Tuition and fees: \$2,695 |
| Missouri | <u>Restorative I Permit:</u> Placing, condensing, and carving amalgam for Class I, V, and VI restorations, Placing composite for Class I, V, and VI restorations, Sizing and cementing of prefabricated crowns. <u>Restorative II Permit:</u> Placing, condensing, carving, and finishing amalgam for Class I, II, III, IV, V, and VI restorations, Placing and finishing composite for Class I, II, III, IV, V, and VI restorations, Sizing and cementing of prefabricated crowns. | A | Yes | Brief requirements set forth in rule; Board must review/approve curriculum. See note below. | | | | | |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|---------------|---|--|--|--|---|---|---|---|---|
| Missouri | Notes: The Missouri Dental Board approves EFDA curriculum as well as courses. The Missouri Dental Association has developed a curriculum for both Restorative I and Restorative II that the Board has approved. At this time, the approved course providers for these restorative courses that are using the Missouri Dental Association approved curriculum are: the Missouri Dental Association, Missouri State Technical College and Ozarks Technical College. Additionally, Missouri College has developed a Restorative I curriculum that the Board has approved. Missouri College is the only approved course provider using that curriculum. | | | | Missouri Dental Association | http://www.moefta.org/ | Restorative I Restorative II Orthodontics Fixed Prosthetics Removable Prosthetics | Restorative I : 1 day Restorative II: 2 days Orthodontics : 1 day Fixed Prosthetics: 1 day Removable Prosthetics: 1 day | Restorative I: \$500 Restorative II: \$925 (fee includes typodont) Fixed Prosthetics: \$650 Removable Prosthetics: \$650 |
| Missouri | Course approval criteria from Missouri rules: (6) Expanded Functions Course Providers. (A) The board may approve expanded functions course providers that satisfy the following minimum criteria: 1. Uses course curriculum approved by the board; 2. Demonstrates that faculty at each course include at least one (1) dentist and that the student to faculty ratios do not exceed one (1) faculty member per ten (10) students; 3. Demonstrates that adequate faculty calibration occurs to insure that educational standards are maintained; 4. Demonstrates that adequate testing, monitoring, and evaluation is in place to assure that graduates can be certified as having attained mastery of the component skills and concepts in a laboratory setting; and 5. Demonstrates that mechanisms are in place to provide the board with data on the outcomes of expanded functions duty dental assisting training by reporting on follow-up blind surveys of certificated assistants, supervising dentists, and patients. | | | | Missouri State Technical College- Restorative I and Restorative II curriculum | https://www.state-techmo.edu/academic/dental/catalog.php | | This is a one-year program that includes general dental assisting education followed by EFDA training. | 2015-16 Tuition for full-length program: \$7,029 Program-Specific Fees: \$321 Additional school fees: variable Total: \$7,350+ additional fees |
| Missouri | | | | | Ozarks Tech College - Restorative I and Restorative II curriculum | https://www.ozarks-tech.edu/dental.php | Restorative Expanded Functions (hybrid course) Restorative Expanded Functions I Restorative Expanded Functions II | Six weeks (hybrid course) | \$395 (hybrid course) |
| New Hampshire | Place, contour and adjust direct restorative materials within the oral cavity | R | No (Board does not approve programs.) | Board does not approve courses but course requirements are described in regs - see attachment. | | | Course must include at least the following subjects: 1. Dental materials; 2. Use of the low speed hand piece and high speed hand piece; 3. Placement and finishing of amalgams, and composite resins; 4. Dental occlusion; and 5. Dental jurisprudence | | |
| New Hampshire | | | | | NHTI, Concord's Community College | https://www.nhti.edu/community-visitors/news-events/advanced-training-dental-hygienistsassistants | Prerequisites: Successful completion of Tooth Morphology, Preliminary Oral Inspection (POI), and Infection Control Practice (ICP) courses | 50 hours of didactic (classroom based) instruction 100 hours of pre-clinical instruction 6 weeks, minimum of 120 hours of clinical training in the sponsoring dental office | Not found |
| New Mexico | Placing and shaping of direct restorative materials into cavity preparations completed by a dentist (EFDA may use instrumentation as necessary and proper for this purpose) and eight additional EFDA functions | A | Yes, if not CODA-accredited | No | | | | State requirements include an apprenticeship under the close personal supervision of a licensed dentist | |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|------------|--|--|--|--|---|---|---|---|---|
| New Mexico | | | | | Quality Health Management | http://www.qualityhealthmanagementnm.com/efda.html | Tooth Morphology Dental Materials Placing and Shaping Dental Restoration and Occlusion Stainless Steel Crown Placement Matrix Systems for Restorative Dentistry Moisture Control | 28 hours | Not specified |
| New Mexico | | | | | Santa Fe Community College | http://www.sfcc.edu/programs/dental/EFDA | All allowed EFDA Functions | 8 credit hours | Tuition: \$44.50 - \$103.00 per credit hour, or \$356-\$824 total tuition, depending on residency Fees: \$235 Total: \$591-\$1,059 depending on residency |
| New York | 16 defined "certified dental assisting" functions and "other dental supportive services" not listed in statute or rule; per information on the New York State Board for Dentistry website, a New York State Licensed "certified dental assistant" may use a hand instrument (not a rotary instrument) to reduce an amalgam restoration but may not finish composites. However, the clinical content requirements for education leading to state certification include "placing, condensing, and carving amalgam restorations" and "placing, condensing, and finishing non-metallic restorations. | N | Y (Approved by the New York State Education Department, Office of the Professions) | Yes, brief criteria available; see attachment | NOTE: In the entries below, BOCES = Board of Cooperative Education Services | | | | |
| New York | | | | | Cattaraugus-Allegany-Erie-Wyoming BOCES (Adult Education) | https://www.caboces.org/adult-ed/dental-assisting-enrollment-packet | <ul style="list-style-type: none"> • Communication/Behavioral Concepts • Dental Sciences • Oral Health/Disease Prevention • Patient Information/Assessment • Infection Control/Sterilization • Chairside Assisting/Dental Materials • Dental Radiography • Clinical Dentistry | 12-month program, 620 total program hours (200 hours are clinical internship) | Tuition \$4,700, includes books and testing fees |
| New York | | | | | SUNY Buffalo Educational Opportunity Center | http://eoc.buffalo.edu/index.php/programs-and-services-home/healthcare/ | Dental radiology, infection control (OSHA training), chairside dental assisting, and computer skills | Includes 300-hour clinical externship | Not Found |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|---|--|--|--|---|---|---|--|---|
| New York | | | | | SUNY Buffalo Educational Opportunity Center - Advanced Dental Assisting Program Track (ADAPT) | http://ubdentalaalumni.com/events/regengine/event_page.php | Registered participants login to ADAPT Online at anytime through the Internet. Clinical exercises and evaluations must be completed at the dental office site under preceptor guidance. Consists of six theoretical modules and the following clinical modules: Rubber Dam, Matrix Bands, and Wedge; Dental Radiology; Vital signs, Impressions and Study Models; Temporary Coverage/Cements; Orthodontic Arch Wires, Bands, and Ligature ties; Remove sutures, periodontal dressing, apply agents; Restorative Component Testing and Grading. Participants must complete a minimum of 200 clinical hours between the date of registration and course completion. | Most students complete the program in twelve to fifteen weeks. | Tuition: \$1,595.00 |
| New York | | | | | Erie Community College | https://www.ecc.edu/client/programdetail.aspx?ID=3969 | Dental Assisting students learn head and neck anatomy, dental instruments, equipment and procedures, manipulation of dental materials, x-ray techniques, disinfection and sterilization procedures, management of medical and dental emergencies and laboratory fabrication of dental products. Administrative coursework includes business office skills and basic computer operations, ethical and legal aspects of dentistry and communication skills. Clinical externships are provided through local dental health care facilities to gain hands-on experience under the direct supervision of licensed professionals. | 31.5 Credits (two semesters) | \$4,595 (resident of sponsorship area) or \$9,190 (non-resident) for full-time enrollment per academic year; average fees \$593.00. Additional charges for books and other materials may apply. |
| New York | | | | | Hudson Valley Community College | https://www.hvcc.edu/hsc/das/ | Chairside assisting, related laboratory and office procedures and all delegable expanded functions permitted by the State Education Department of New York | One year (two terms) - 27 credits (offered online) and 225 hours of hands-on clinical experience through a formal clinical internship (Can be completed online with an on-site clinical component) | Full time tuition: \$2,050 (resident) and \$6,150 (non-resident) per term; estimated fees:\$458. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|--|--|--|--|---|---|---|---|--|
| New York | | | | | Hudson Valley Community College - Alternative Dental Assisting Program (ADAP) | https://www.hvcc.edu/communityed/adap.html | ADAP is designed specifically for the experienced, unlicensed dental assistant. Topic information is presented in an online distance learning format. This format includes 15 modules presented in 15 weeks. In addition students are required to complete 1000 hours of dental assisting work experience that will begin on the first day of class. These clinical hours will continue after the last day of classes and must be completed within five years of the start of the program. | | \$1,050 plus the cost of books, licensing exam and licensing application fees. |
| New York | | | | | Mandl School | http://mandl.edu/programs/dental-assistant/ | Setting up trays for dental procedures; Sterilizing tools to control infection spread through dental instruments; Preparing patients to see the dentist; Learning proper chair-side manner (making patients feel comfortable and at ease); Taking and processing dental x-rays; Performing basic laboratory procedures; Prepare dental materials: cements, amalgam, composite, impression materials, etc.; Educating patients on oral hygiene treatment and proper plaque control; Assisting with keeping patient records and scheduling appointments | 42 credits (45 weeks) | Tuition and fees: \$19,805 Books and supplies: \$2,400 Total: \$22,205 |
| New York | | | | | Monroe Community College (Online) | http://www.monroecc.edu/depts/denhyg/dental-assisting/ | Website lists functions allowed to be performed by a licensed dental assistant as defined by state | 24 credits; includes 500 clinical hours | Full time tuition: \$1,900 (resident) and 3,800 (non-resident) per semester; estimated fees:\$293 (It is unclear whether the tuition for the online program is the same as for the on-campus program below, but no information about a different tuition structure for online education could be found) |
| New York | | | | | Monroe Community College | http://www.monroecc.edu/depts/denhyg/dental-assisting/ | Website lists functions allowed to be performed by a licensed dental assistant as defined by state | One year (two semesters) | Full time tuition: \$1,900 (resident) and 3,800 (non-resident) per semester; estimated fees:\$293 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|--|--|--|--|---|---|--|--|---|
| New York | | | | | Monroe 2-Orleans BOCES | http://www.monroe2boces.org/CWD.cfm?subpage=2246 | | 22-23 Weeks: 650 Hours (410 Class Hours and 240 Hours Clinical Experience) | Tuition, books, uniform: \$7,000 |
| New York | | | | | Nassau County BOCES (Secondary school level, grades 11-12) | http://www.nassauboces.org/Page/4481 | Assisting in dental procedures; handling dental/medical emergencies; CPR; instructing patients how to properly brush and floss; preparing restorative and impression materials; infection control and sterilizing techniques; taking, processing and mounting X-rays; following Occupational Safety and Health Administration guidelines and universal precautions; maintaining computerized dental records | Two years, 900 hours | Not Found |
| New York | | | | | Niagara County Community College, Sanborn | http://catalog.niagaracc.suny.edu/content.php?catoid=14&navoid=544 | Listed on state's website as approved, but no information about dental assisting program found on college's website. | | |
| New York | | | | | New York School for Medical and Dental Assisting | http://www.nysmda.com/dental-assistant/our-program.html | Dental Anatomy, Physiology and Terminology; Dental Charting; Dental Office Emergencies; Infection Control; Operatory Procedures & Chairside Assisting, including: Manage patient before, during & after treatment; suctioning; maintain & operate dental equipment; transfer instruments & materials to the dentist or hygienist; pour casts & study models; assist during all patient care activities; maintain a supply & equipment inventory; prepare & load syringes for anesthesia and more... (Confirmed by telephone that course teaches restorative functions) | The program is designed to take 12 months to complete. | Estimated tuition and Fees: \$14,250 Estimated books and supplies: \$250 Estimated total: \$14,500 (not counting room and board, transportation, personal expenses, and the like) |
| New York | | | | | Onondaga-Cortland-Madison BOCES | http://www.ocmboces.org/teacherpage.cfm?teacher=1349 | terminology, dental materials and instruments, sciences in dentistry, emergency care, infection control, preventive dentistry, and dental radiology | 780 hours (including 240-hour internship) | \$7,700* (includes tuition, books, supplies, uniform, test and license fees) *Fees subject to change |
| New York | | | | | Oswego County BOCES (Adult Education) | http://www.citiboces.org/Page/342 | | 690 Hours | Tuition: \$7450 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|--|--|--|--|---|---|---|--|--|
| New York | | | | | Greater Southern Tier BOCES Adult Education - Comprehensive Dental Assisting Modular Program (CDAMP) (Note: Listed in state's approved program list as "Schuyler-Steuben-Chemung-Tioga-Allegany BOCES Painted Post") | http://www.gstboces.org/toolbar/template.cfm?ID=1440 | Eight Modules: Communication in Office; Anatomy & Physiology; Work Place Safety; Dental Radiography; Systemic Health; General Dental Practices; Dental Specialties; Restorative Expanded Functions (First four modules may be challenged by taking challenge exams.) | Self-paced online study (must complete all modules within a three-year period) | Tuition: \$195 per module Total tuition, fees and textbooks: \$1,910 Total if four challenge exams and four modules taken: \$1,330 |
| New York | | | | | Greater Southern Tier BOCES Career Technical Education (Secondary level) (Listed in state's approved program list as "Schuyler-Steuben-Chemung-Tioga-Allegany BOCES Painted Post") | http://www.gstboces.org/#/pages/is/cte-programs.cfm?p=11 | dental anatomy, chairside assisting, charting teeth, tooth restoration, dental specialties, laboratory skills, office procedures and dental x-rays including digital radiology | two years | Not Found |
| New York | | | | | St. Paul's School of Nursing, Staten Island | https://www.stpaulsschoolofnursing.edu/programs/dental/dental-assisting-.aspx | The procedures and laboratory techniques include: conduct preliminary examination procedures; assist at chair-side using four-handed dentistry; take impressions and pour dental models; chart the dentition; schedule patient appointments; keep patient records; sterilize instruments; expose and process radiographs. | 84 weeks | Tuition and fees: \$27,650 Books and supplies: \$1,850 Total: \$29,500 |
| New York | | | | | Stony Brook School of Dental Medicine | http://dentistry.stonybrookmedicine.edu/student/dentalassist | Providing patient education; Taking preliminary medical histories and vital signs to be reviewed by the dentist; Placing and removing rubber dams; Selecting and prefitting provisional crowns; Selecting and prefitting orthodontic bands; Removing orthodontic arch wires and ligature ties; Placing and removing matrix bands; Taking impressions for study casts or diagnostic casts; Removing periodontal dressings; Removing sutures placed by a licensed dentist; Assisting in management of dental and medical emergencies; Applying topical agents to the teeth. (Operative technique course includes instruction in placing amalgam and composite restorations.) | 10 months full time; 34 credit hours of coursework and 500 hours of hands-on clinical experience | Tuition: \$4,000 (does not include nominal fees for IDs, ADAA membership, etc.) |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|---|--|--|--|---|---|---|--|---|
| New York | | | | | Ulster County BOCES (Practicing Dental Assistant - Alternative Licensing Program) [See page 8 at link to the right] | http://www.ulsterbooces.org/files/filesystem/53061%20ulster%20county%20booces%20fall%2015%20web%20(1).pdf | | (Attend only the classes you need) | Tuition: \$1,190 |
| Ohio | Place amalgam restorative materials; place nonmetallic restorative materials, including direct-bonded restorative materials; and eight additional EFDA functions. | A | Yes (Regs do not call for approval by the Board, but EFDA application form lists "Approved EFDA Programs") | Course requirements defined in regs - see attachment | | | | Minimum of 180 hours of coursework, of which 100 hours are preclinical and didactic, and 80 hours are clinical | |
| Ohio | | | | | Case Western Reserve | http://bulletin.case.edu/schoolofdentalmedicine/ | Tooth Morphology for the EFDA Dental Materials for the EFDA Restorative Dentistry for the EFDA I Restorative Dentistry for the EFDA II Clinical Practicum for the EFDA Clinical Board Review | 9.5 units | 2015/2016: \$4,685.00, plus \$40 application fee |
| Ohio | | | | | Eastern Gateway Community College | http://www.egcc.edu/future-students/academic-programs/expanded-functions-dental-auxiliary-certificate | | 9 credit hours over two semesters and one five week summer session | Tuition ranges from \$111.00 - \$188.00 per credit hour depending on residency, Lab and misc. fees totaling \$1735, and ADDITIONAL EXPENSES: Textbook, Lab Coats, Magnification Loupes (highly recommended-but not required), Typodonts, and Miscellaneous Supplies and fees - Approximately \$1500.00 - \$2200.00. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|---|--|--|--|---|---|--|--|--|
| Ohio | | | | | Owens Community College | https://www.owens.edu/efda | (a) Nomenclature (b) Caries classification (c) Oral anatomy (d) Dental morphology (e) Periodontium (f) Histology (g) Basics of occlusion (h) Ergonomics (i) Instrumentation (j) Pulp protection (k) Dental materials (l) Matrix and wedge techniques (m) Temporization (n) Polishing amalgams (o) Non-metallic restorative material placement (p) Non-metallic restorative material finishing and polishing (q) Posterior amalgam and non-metallic restorations (r) Pit and fissure sealant placement (s) Rubber dam placement | Prior years show options for 7, 8 or 14 credits; current year's information is not clear on the number of credits | Tuition, books, materials, and supplies: \$4,975 |
| Ohio | | | | | Miami-Jacobs Career College | http://www.miamijacobs.edu/career-training-programs/medical-training-programs/expanded-functions-dental-assistant-springboro | Courses include: Oral anatomy Dental terminology Dental materials Posterior amalgam Amalgam placement Carving Caries classifications Composite restorations | 180 clock hours | Not specified |
| Ohio | | | | | Eastern Ohio Health Education Network/Youngstown State University (offered by dental hygiene program) | http://www.vsu.edu/ebulletin/courses/DH YG | Tooth morphology, properties and manipulation of dental restorative material, and techniques and procedures for restoring teeth with amalgam and tooth colored direct restorations | It is unclear whether the EFDA courses may be taken separately or only as part of the full-length dental hygiene program. EFDA courses appear to total 6 credit hours. | Not specified |
| Ohio | | | | | Sinclair Community College | https://www.sinclair.edu/explore/dental-health/ | Dental Anatomy for Dental Auxiliaries - 1 credit hour Expanded Functions for Dental Auxiliaries - 6 credit hours Expanded Functions for Dental Auxiliaries II - 6 credit hours | 13 credit hours | \$99.03 per credit hour for Montgomery County residents (Total: \$1287.3) \$146.28 per credit hour for other Ohio residents (Total: \$1,901.64) Out of state and international students \$282.40 per credit hour; additional fees/materials costs unknown. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|----------|---|--|--|--|---|---|---|---|--|
| Ohio | | | | | Stark State College (Career Enhancement Certificate) | http://www.starkstate.edu/academic-programs/expanded-efda | Introduction to Dental Terminology and Basic Anatomy Dental Morphology for the Expanded Functions Dental Auxiliary Expanded Dental Assisting I Expanded Dental Assisting II Directed Clinical Practice | 14 credit hours | Approximately \$4,500 |
| Ohio | | | | | Ohio State University | https://dentistry.osu.edu/dental-professionals/continuing-dental-education/efda-program | Reviewing and applying dental anatomy concepts, restorative terminology, and dental materials principles to the restoration of typodont teeth with amalgam, composite and glass ionomer restorative materials. Placement of bases and liners, placement of rubber dam, and the finishing and polishing of each type of direct restorations. Pre-clinical and clinical training. | This course includes over 200 hours of instruction, progressing from pre-clinical laboratory activities to faculty supervised clinical experience in The College of Dentistry at The Ohio State University. | 2016 Fee: \$4,695 (includes all instructor fees, instructional materials, laboratory supplies, and instrument rental; additional costs for exam review course materials apply) |
| Oregon | Perform the placement and finishing of direct alloy or direct composite restorations after the supervising dentist has prepared the tooth (teeth) for restoration(s). | R | Yes | State curriculum template available - see attachment | | | | <ul style="list-style-type: none"> • 18 hours of didactic education incorporating the objectives listed. • 22 hours of laboratory skill practice on typodonts incorporating the objectives listed. • 24 hours of restorative practice on patients in a clinical setting where the student places both amalgam and composite restorations. (The Board has determined that "Clinical Settings" must be at CODA accredited school locations.) | |
| Oregon | | | | | Pacific University | | Listed on state's website as an approved course but school's current website does not contain any information about course, so it is likely not being offered in the current academic year. | Not found | |
| Oregon | | | | | Lane Community College | | Listed on state's website as an approved course but school's current website does not contain any information about course, so it is likely not being offered in the current academic year. | Not found | Total per credit in-state tuition charges = \$99.50 Total per credit non-resident tuition costs = \$243.00 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|--------------|---|--|--|--|--|---|--|--|---|
| Oregon | | | | | Oregon Institute of Technology | Information found in 279-page PDF, so no link is provided. See course description at right. | DH 467 Restorative Functions Endorsement This course fulfills the Oregon Board of Dentistry (OBD) requirements for the restorative endorsement for dental assistants and dental hygienists. Lecture, lab practice on typodonts and clinical practice with patients. Additional testing is required by the OBD following course completion. | 4 credit hours | Not specified |
| Oregon | | | | | Portland Community College - CLIMB Center for Advancement | https://www.pcc.edu/schedule/default.cfm?fa=dspCourse2&thisTerm=201504&crsCode=CEU949P&subjCode=CEU&crsNum=949P&topicCode=HSP&subtopicCode= | | 64 hours | Fall 2015 course cancelled |
| Pennsylvania | Placing and condensing amalgam restoration and other restorative materials; placing and finishing composite resin restorations and/or sealant material or both; carving and contouring amalgam restorations; and seven additional EFDA functions. | A | Y | Y | Note: The list of EFDA programs below was obtained from the Pennsylvania Dental Association website and not from the Pennsylvania State Board of Dentistry; therefore, we have not yet been able to verify that all of these courses are approved by the Pennsylvania Board. | | | | |
| Pennsylvania | | | | | All-State Career | https://www.allstatecareer.edu/programs/medical/expanded-functions-dental-assisting.aspx | Biomedical Sciences and Management of Emergencies; Computer Software Applications; Expanded Function Dental Software Applications; Prosthodontics and Medical/Dental Health Histories and Dental Charting; Radiation Health and Safety and Orthodontics; Restorative Dentistry and Specialties; Vitals, Pharmacology, Office Procedures and Dental Law and Ethics (Per telephone conversation with faculty, program also offers instruction in matrix bands, liners and bases, condensing, carving and polishing amalgams, and placing composites.) | 48 weeks - 20 hours per week (day or evening options available) 160 hour externship (per website; per telephone conversation with faculty, externship is 320 hours) | \$18,500 total for tuition, books, uniforms, etc. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|--------------|--|--|--|--|--|---|--|---|--|
| Pennsylvania | | | | | Bradford School (Associate Degree) | http://www.bradfordpittsburgh.edu/our-programs/dental-assisting | Expanded Function Dental Assisting I; Expanded Function Dental Assisting II, Dental Assisting/EFDA Extramural | 16 months - Associate in Specialized Technology Degree Program is 4 Semesters | \$31,730 total for 4 semesters (including books and supplies), plus approx. in \$1080 in lab fees (\$270 per semester) |
| Pennsylvania | | | | | Career Training Academy | http://careertea.edu/programs/dental-assistant/ | Dental Anatomy and Terminology; Dental Specialties; Diet and Nutrition; Oral Pathology; Microbiology and Sterilization; Patient Psychology; Communications; CPR; Office Management; Preventive Dentistry/Patient; Education; Dental Law and Ethics; Dental Pharmacology; Office Emergencies; Chairside Assisting; Dental Materials/Lab; Radiograph | Ten Months | Tuition: \$12,425 Tuition and Fees: \$15,029 |
| Pennsylvania | | | | | Fortis Institute - Scranton (Associate Degree) | https://www.fortis.edu/programs/dental/expanded-function-dental-assistant.aspx | Expanded Functions Dental Assistant, Associate in Specialized Technology Degree | Coursework followed by one module of a ten-week externship in a health care facility. Upon successful completion of this program, graduates will be prepared to seek Expanded Functions Dental Assistant certification. | Not found |
| Pennsylvania | | | | | Greater Altoona Career And Technology Center - Altoona (Note: Programs offers an EFDA certificate, but students may also pursue an associate degree through a partnership between GACTC and Mt. Aloysius College.) | http://www.gactc.com/efda.asp | | 6 semester credits (204 total hours with didactic and clinical combined - EFDA 101 and 102), 84 hours - 12 weeks of didactic lecture/lab - EFDA 101, and 120 hours of Clinical Practicum - EFDA 102 | Not found |
| Pennsylvania | | | | | Harcum College | http://www.harcum.edu/s/1044/edu/index.aspx?sid=1044&qid=1&pqid=945 | EFDA I - Lecture/Lab; EFDA II - Clinical | EFDA I - 15 week course EFDA II - 15 week clinical | EFDA I - \$3,475 EFDA II - \$1,390 plus \$392 in fees (includes tyodont) Total tuition/fees: \$5,257 |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|--------------|---|--|--|--|---|---|--|---|--|
| Pennsylvania | | | | | Harrisburg Area Community College | http://www.hacc.edu/Programs/Courses/Programs/HealthCareers/Expanded-Functions-Dental-Auxiliary-Program.cfm | Expanded Functions I Expanded Functions II (clinical setting) | Expanded Function I - 4 credit hours - 14 weeks Expanded Functions II - 1 credit hour - 14 weeks | Total: Approx. \$3,110 - \$3,597 in tuition, fees and other out-of-pocket costs (\$200.50 - \$298.00 per credit hour for five credits; tuition varies depending on the residence of the student; approximate costs for fees and other out-of-pocket costs, such as liability insurance, lab fees and books are \$2,107.) |
| Pennsylvania | | | | | Keystone Technical Institute | http://kti.edu/efda/ | Placement and removal of rubber dams and matrix band procedures; Placement and finishing of amalgam and composite restorations; Use of composite resins; Contouring various materials, clamps and procedures; and much more! | 180 hours of didactic/lab 120 hours of clinical | \$4,300 |
| Pennsylvania | | | | | Luzerne County Community College | http://www.luzerne.edu/academics/catalog2015/degree.asp?header=dental.jpg&code=DAS&dept=1&sel=2&d=5 | Basic Human Anatomy and Physiology OR Anatomy & Physiology I = 4 hours EFDA Foundation = 3 hours Dental Assisting Expanded Functions I = 4 hours Dental Assisting Expanded Functions II = 3 hours English Composition = 3 hours Health and PE Electives OR CPR = 1 hour | One semester - 17 credit hours for diploma | Tuition: \$2,385 - \$6,315 (varies depending on whether or not student is a resident of Luzerne County, in state, out of state, etc.) |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|--------------|---|--|--|--|---|---|--|--|---|
| Pennsylvania | | | | | Manor College (Associate Degree) | http://www.manor.edu/academics/degrees/efda.php | Chairside Procedures/lab - 4 hours; Principles of Radiology - 2 hours; Practice Management - 2 hours; Dental Materials/lab - 3 hours; Medical Management of the Dental Patient - 1 hour; Clinical Experience I - 1 hour; Radiographic Techniques - 1 hour; Dental Anatomy/lab - 4 hours; Dental Specialties - 2 hours; Oral Health Issues - 1 hour; Survey of Anatomy and Physiology - 3 hours; Clinical Experience II - 1 hour; Expanded Functions - 3 hours; Expanded Functions Lab - 4 hours; Clinical Experience III - 2 hours; Dental Science - 3 hours; Clinical Experience IV - 3 hours; Internship Experience - 2 hours; Science of Nutrition - 3 hours; plus 21 additional credit hours in fundamental/core subjects (e.g., composition, quantitative reasoning) towards degree | Four semesters, plus summer semester = 72 credit hours | Approximately \$35,000 total for tuition and fees for four semesters (\$8,350 per semester, plus \$400 clinic fee per semester). Additional technology and externship fees may apply. |
| Pennsylvania | | | | | Manor College (Evening Program) | http://www.manor.edu/academics/degrees/efda-evening.php | | 200 hours | |
| Pennsylvania | | | | | Westmoreland County Community College | https://wccc.edu/pages/future-students/academics/health-professions/expanded-functions-dental-assisting/ | Dental Anatomy - 2 credits; EFDA I - 6 credits; EFDA II - 3 credits; Microcomp Concepts - 3 credits; Interpersonal Communication - 3 credits | 17 credit hours | Tuition between \$122 - \$366 per credit hour (depends on county and state of residency) or \$2,074-\$6,222 total tuition. |
| Tennessee | Restorative Functions | Must be taught at a dental school or school that offers a dental specialty program | Yes | Course requirements defined in rule - see attachment. | | | | | |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EFDA's Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|-----------|--|--|--|--|--|---|---|--|---|
| Tennessee | | | | | University of Tennessee College of Dentistry (Memphis and Nashville) | https://www.uhsc.edu/dentistry/CE/EFDA.php | Lectures will be presented on the following subjects: morphology, occlusion, dental materials, instrumentation, basic principles of preparation, isolation, selection and placement of matrices, liners and bases, and the insertion and finishing of amalgam, composite resin and glass ionomer restoratives. The majority of course time will be devoted to laboratory sessions in which the participants will insert and finish Class I, II, III, IV and V intracoronal restorations. | Restorative course consists of 96 hours broken into three weekly sessions at 32 hours per week. Participants will have 3-4 weeks off between sessions. | Tuition for Restorative Certification Course Option A (Memphis) is \$3,775.00. Tuition for Restorative Certification Course Option B (Nashville) is \$4,175.00. |
| Vermont | Any expanded duty for which the Expanded Function Dental Assistant has been trained, within the limits of Vermont rules | R | No | N/A | | | | | |
| Vermont | | | | | Center for Technology – Essex | http://skilltech.ccsuvt.org/dental-assistant/ | Prerequisite: Tooth Morphology For Dental Auxiliaries (EFDA Program Prerequisite) EFDA 210 – Advanced Operative Procedures EFDA 212 – Expanded Functions Laboratory EFDA 214 – Satellite Clinical Experience | Six week course including classroom and laboratory components, followed by five months of clinical externship | Tuition: \$8285 (\$2000 scholarship available through Delta Dental) Required tooth morphology course additional tuition: \$495 Total without scholarship: \$8,780 |
| Virginia | 1. Performing pulp capping procedures; 2. Packing and carving of amalgam restorations; 3. Placing and shaping composite resin restorations; 4. Taking final impressions; 5. Use of a non-epinephrine retraction cord; and 6. Final cementation of crowns and bridges after adjustment and fitting by the dentist. | R | No | N/A | | | | | |
| Virginia | | | | | Fortis College – Richmond | http://ignite.fortis.edu/?BJD=2593&VID=SR_CID-000034897620&qclid=CL3vw-qzhskCFdqGQodk_gI2A | | 22 weeks (Fridays only) DA II | \$3500 (includes testing fees) |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDFAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|------------|---|--|--|--|---|---|--|---|---|
| Virginia | | | | | Germanna Community College - Fredericksburg | https://www.google.com/url?q=http://www.germanna.edu/workforce/documents/dental_assistant_II.pdf&sa=U&ved=0CAQQFIAAahUKEwig5vii8YnJAhXDbz4KHZGbDP0&client=internal-uds-cse&usq=AFQjCNHtgF1-9AfatqVI99v9msmEI80f_A | Five courses are included in the curriculum; each may be taken independently or all may be taken collectively, depending on the student's needs and interests: (1) Dental Anatomy and Operative Dentistry, a 50-hour hybrid course; (2) Amalgam Restorations, a 40-hour course; (3) Composite Resin Restorations, a 60-hour course; (4) Final Impressions, a 20-hour course; and (5) Final Cementation of Crowns and Bridges, a 30-hour course. Laboratory skills practice and supervised clinical components will also be scheduled. | (1) Dental Anatomy and Operative Dentistry, a 50-hour hybrid (2) Amalgams (includes 40 laboratory skill hours and 80 clinical hours) (3) Composites (includes 60 laboratory skill hours and 120 clinical hours) (4) Impressions (includes 20 hours of laboratory skills development and 40 hours of clinical experience) (5) Final Cementation (includes 30 hours of laboratory skills development and 60 hours of clinical experience) | Dental Anatomy and Operative Dentistry, Tuition: \$1490 Amalgams, Tuition: \$1790 Composites, Tuition: \$2520 Impressions (Not specified) Final Cementation (Not specified) |
| Washington | Place and carve direct restorations, and 36 other RDA and EFDA functions. | N (But graduation from a CODA-accredited dental assisting program recognized as a pre-requisite) | Yes | Curriculum guidelines and course approval application available - see attachments. | | | | | |
| Washington | | | | | Institute for Dental Education and Leadership Success | web site is no longer active; appears to be defunct | | Not specified | |
| Washington | | | | | Bellingham Technical College | http://www.btc.edu/DegreeClasses/Programs/ProgramDetails.aspx?ID=112&tab=tab1 | Dental anatomy, Restorative Dentistry I and II, Principles of Dental Assisting, Restorative Lab I, II and III, Final Impressions, Restorative Clinical Practice | 18 credits, starts in fall quarter only | total of \$6398 for three quarters; EFDA License application fees, WARE Clinical Exams, and WREB Restorative Exam fees are not included in the above program cost estimate. These costs approximate: \$950.00 |
| Washington | | | | | Military Training | | | Not specified | |
| Washington | | | | | Seattle Central Community College | (EFDA Program does not have its own page) http://www.seattlecentral.edu/bachelors/allied-health/dental/ | | Program is currently on hold, they are moving program to another building. No definite date as to when it will start up again. Last time they offered the program was 2012. Program is typically 2 quarters, for a total of 15 credits. | \$600 per credit (total of \$9000), plus instruments/supplies and exam fees. |

| 1. State | 2. State-Defined Scope of Practice for Qualified Dental Assistants/EDAs Performing Restorative Functions | 3. EFDA Education from CODA-Accredited Program Required (R), Accepted (A), or Not Recognized (N) | 4. State Board Approves Restorative/EFDA Programs (Yes/No) | 5. State Board's Course Approval Criteria Are Available (Yes/No) | 6. Name of Restorative Functions/EFDA/EDDA Program Provider/Sponsor | 7. Web Address for Course/Program | 8. Related Course Content (If Defined) | 9. Duration of Program | 10. Cost |
|------------|--|--|--|--|---|---|--|--|--|
| Washington | | | | | South Puget Sound Community College | https://spsc.edu/areas/health-and-wellness/dent-cert | | Three courses offered in sequence on an evening schedule through one academic year (fall, winter, and spring) - 9 credit hours | Tuition estimated at \$925.00 Materials, instruments, books, and fees: \$4,276.00 Total cost estimate: \$5,201 (Does not include state-required examination and licensure fees) |
| Washington | | | | | Spokane Community College | http://www.scc.spokane.edu/HealthSciences/AlliedHealth/DentalAssistant.aspx?page=PV7 | Patient oral health instruction, coronal polishing, fluoride treatments, sealants, expose, process and mount dental radiographs, knowledge of dental morphology, pharmacology, emergencies, risk management as related to dental charting, health history alerts, and temporization. Content which focuses on the didactic, laboratory and clinical components of the amalgam and composite curriculum to include: armamentarium including various matrices, classification of restorations, components of the prepared tooth; materials, composition of amalgam and composite materials, advantages and disadvantages, indications and contraindication; placement and finishing of composites, placement condensing and carving of amalgams; evaluation of restoration; and occlusal adjustment. | Six months | Tuition and fees: \$2,833 Books and supplies: \$2,150. |



Dental Assisting National Board, Inc.

Measuring Dental Assisting Excellence®

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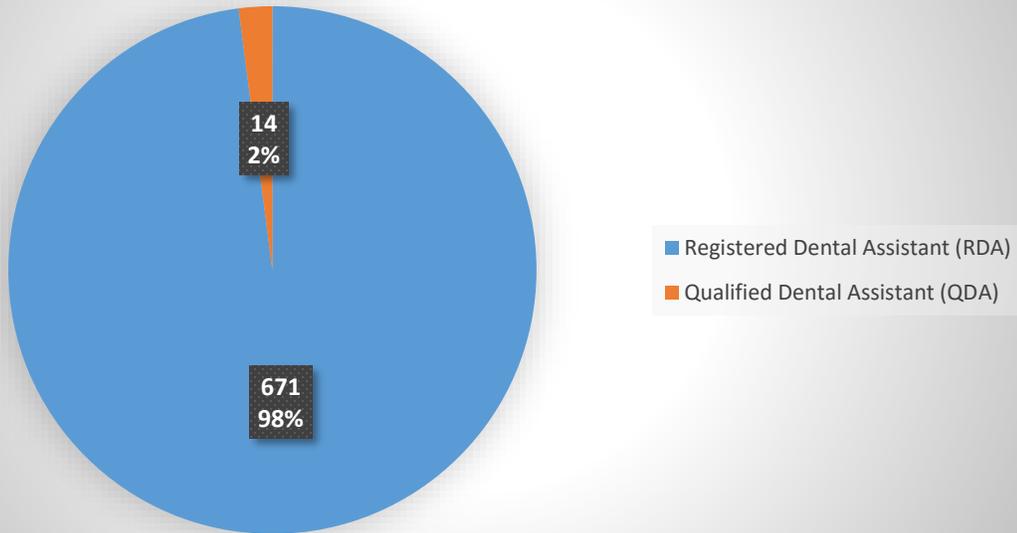
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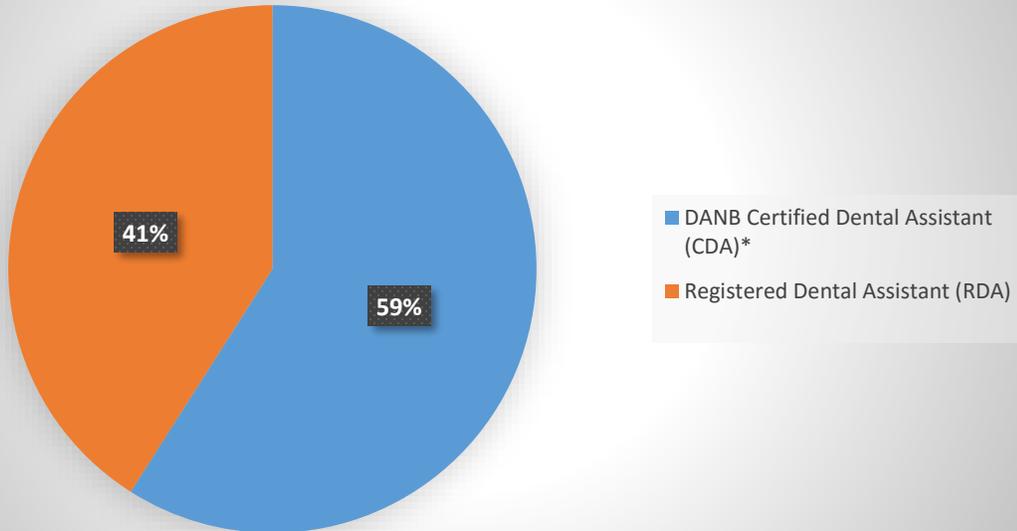
Appendix E

Breakdown of North Dakota Dental Assistants by Credential

ND Dental Assistants by Credential†



ND RDAs vs. CDAs



†Data provided by the North Dakota State Board of Dental Examiners as of April 2016

*North Dakota Ranks #1 for percentage of Dental Assistants with DANB CDA Certificates (*Certified Press*, Vol. 34, Issue 2, Spring 2015, Dental Assisting National Board)