

**Course Objectives/Course Outline  
Spokane Community College**

---

---

**Course Title:** EFDA Review Lab  
**Prefix and Course Number:** Dent 142

---

**Course Description:**

This course is designed to provide the Certified Dental Assistant (CDA) or the graduate of an ADA, Commission on Dental Education a review for the Expanded Function Dental Auxiliary (EFDA) course content. The course includes the evaluation of the student's ability to perform skills in a laboratory setting to include: patient oral health instruction; coronal polishing; fluoride treatments; sealants; expose process and mount dental radiographs.

**Course Description:**

This course is designed to provide the Certified Dental Assistant (CDA) or the graduate of an ADA, Commission on Dental Education a review for the Expanded Function Dental Auxiliary (EFDA) course content. The course includes the evaluation of the student's knowledge to perform skills under the dentist's general supervision to include: patient oral health instruction; coronal polishing; fluoride treatments; sealants; expose, process and mount dental radiographs.

**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

The successful student will meet the following objectives and demonstrate an understanding of the facts, principles and techniques in this course.

**Laboratory:**

- Demonstrate correct ergonomic positioning.
- Demonstrate proficiency in the following skills on typodonts and/or simulated patients as appropriate:
  - Oral hygiene instructions
  - Coronal polish
  - Fluoride application
  - Sealant application
  - Full-mouth radiographic series

**Students may be assessed as to existing knowledge and performance. Instruction may be modified to address individual levels of proficiency.**

- I. Preventive Dentistry
  - A. Plaque Formation
  - B. Patient Motivation
  - C. Age Characteristics
  - D. Home Care
- II. Oral Hygiene Aids
  - A. Disclosing Agents
  - B. Dentifrice
  - C. Mouth Rinses
  - D. Chewing Gum

- E. Interdental Aids
- III. Toothbrushes and Techniques
  - A. Manual Toothbrushes
  - B. Mechanical Toothbrushes
  - C. Brushing Techniques for the Manual Toothbrush
  - D. Tongue Brushing
- IV. Dental Flossing
  - A. Types of Floss
  - B. Hygienic Care of Prosthetic Devices
- V. Pharmacology
- VI. Emergencies
- VII. Risk management as related to dental charting
- VIII. Health history alerts
- IX. Oral Hygiene for Patients with Special Needs
  - A. Pregnant Patient
  - B. Patients with Cancer
  - C. Patients with Heart Disease
  - D. Older Patients
  - E. Additional Preventive Procedures Performed in the Dental Office
- X. Coronal Polish
  - A. Rationale for Performing Coronal Polish
  - B. Contraindications
  - C. Modifications
- XI. Dental Deposits
  - A. Soft Deposits
  - B. Calculus
  - C. Stains
- XII. Abrasives and Polishing Agents
  - A. Abrasives
  - B. Types of Abrasive
- XIII. Equipment and Supplies
  - A. Use of Dental Handpiece for Coronal Polish
  - B. Use of the Rubber Prophy Cup
  - C. Systematic Procedure
  - D. Prophy Brush
  - E. Dental Tape and Dental Floss
- XIV. Maintaining Operating Field
  - A. Patient Management and safety during restorative procedures
  - B. Dental Light Position
  - C. Maintain the Operating field
    - 1. HVE
    - 2. 3-way syringe
    - 3. Retraction
- XV. Auxiliary Polishing Aids
  - A. Bridge Threaders
  - B. Abrasive Polishing Strips
  - C. Softwood Points
  - D. Interproximal Brushes
- XVI. Fluoride
  - A. Fluoridation
  - B. Effects of Fluoride
  - C. Fluoride in Dental Plaque

- D. Fluoride Toxicity
- E. Forms of Fluoride
- F. Fluoride Rinses
- XVII. Enamel Sealants
  - a. Indications and Contraindications
  - b. Materials
  - c. Placement
- 18. Radiographs
  - a. Preparation
  - b. Film Exposure
  - c. Patient Exposure
  - d. Handling of Exposed Films
  - e. Types of Film Exposures
  - f. Paralleling Technique
  - g. Full Mouth Radiographic Survey
    - 1. Positioning for Maxillary Arch
    - 2. Positioning for Mandibular Arch
    - 3. Mounting full mouth radiographs
    - 4. Technique errors and correction