

Course Objectives/Course Outline
Spokane Community College

Course Title: EFDA Review Class

Prefix and Course Number: Dent 141

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.

- Describe the ethics and professional knowledge of the law as it pertains to EFDA WAC., DQAC, Uniform Discipline Act (UDA).
- Identify the dental arches and quadrants using the correct terminology.
- List the primary and permanent teeth by name and location.
- Identify the different divisions of the tooth, including clinical and anatomical divisions.
- Identify the surfaces of teeth and their locations.
- Describe each permanent tooth according to anatomical features, morphology, function, and other identifying factors.
- Describe each deciduous (primary) tooth according to anatomical features, morphology, function, and identifying other factors.
- Identify Black's classification of cavity preparation.
- Plan and prioritize the sequence for oral hygiene instruction while meeting the patient's needs.
- Identify terms related to drugs, pharmacology, and medicine.
- Discuss drugs used in dentistry and their application.
- Describe several emergency situations that may take place in the dental office and explain how dental assistants can be prepared for these possibilities.
- Identify risk management as related to dental charting and health history alerts.
- Explain the indications and contra-indications for coronal polish.
- Describe fluoride and its uses in dentistry.
- Explain the purpose of enamel sealants.
- List the indications and contraindications for placing sealants.
- Identify the means of producing quality radiographs on various patients.
- Explain technique errors and corrections.
- Describe the ergonomics of the operator at chairside.

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

Course Outline:

- I. Dental Arches
- II. Dental Quadrants

- III. Types of teeth and their Functions
 - A. Primary teeth
 - B. Permanent Teeth
- IV. Divisions of the Tooth
- V. Surfaces of the Teeth
 - A. Surfaces of the Anterior Teeth
 - B. Surfaces of the Posterior Teeth
 - C. Contact
 - D. Embrasure
- VI. Anatomical Structures
- VII. Permanent Teeth
 - A. Maxillary Central Incisor
 - B. Maxillary Lateral Incisor
 - C. Maxillary Canine
 - D. Maxillary First Premolar
 - E. Maxillary Second Premolar
 - F. Maxillary First Molar
 - G. Maxillary Second Molar
 - H. Maxillary Third Molar
 - I. Mandibular Central Incisor
 - J. Mandibular Lateral Incisor
 - K. Mandibular Canine
 - L. Mandibular First Premolar
 - M. Mandibular Second Premolar
 - N. Mandibular First Molar
 - O. Mandibular Second Molar
 - P. Mandibular Third Molar
- VIII. Deciduous (Primary) Teeth
 - A. Maxillary Deciduous Central Incisor
 - B. Maxillary Deciduous Lateral Incisor
 - C. Maxillary Deciduous Canine
 - D. Maxillary Deciduous First Molar
 - E. Maxillary Deciduous Second Molar
 - F. Mandibular Deciduous Central Incisor
 - G. Mandibular Deciduous Lateral Incisor
 - H. Mandibular Deciduous Canine
 - I. Mandibular Deciduous First Molar
- IX. Cavity Classifications
 - A. Class I
 - B. Class II
 - C. Class III
 - D. Class IV
 - E. Class V
 - F. Class VI
- X. Preventive Dentistry
 - A. Plaque Formation
 - B. Patient Motivation
 - C. Age Characteristics
 - D. Home Care
- XI. Oral Hygiene Aids
 - A. Disclosing Agents
 - B. Dentifrice

- C. Mouth Rinses
- D. Chewing Gum
- E. Interdental Aids
- XII. Toothbrushes and Techniques
 - A. Manual Toothbrushes
 - B. Mechanical Toothbrushes
 - C. Brushing Techniques for the Manual Toothbrush
 - D. Tongue Brushing
- XIII. Dental Flossing
 - A. Types of Floss
 - B. Hygienic Care of Prosthetic Devices
- XIV. Pharmacology
- XV. Emergencies
- XVI. Risk management as related to dental charting
- XVII. Health history alerts
- XVIII. Temporization
- XIX. 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
- XX. Coronal Polish
 - A. Rationale for Performing Coronal Polish
 - B. Contraindications
 - C. Modifications
- XXI. Dental Deposits
 - A. Soft Deposits
 - B. Calculus
 - C. Stains
- XXII. Abrasives and Polishing Agents
 - A. Abrasives
 - B. Types of Abrasive
- XXIII. 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
- XXIV. 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
- XXV. Auxiliary Polishing Aids
 - A. Bridge Threaders
 - B. Abrasive Polishing Strips
 - C. Softwood Points
 - D. Interproximal Brushes
- XXVI. Fluoride

- A. Fluoridation
- B. Effects of Fluoride
- C. Fluoride in Dental Plaque
- D. Fluoride Toxicity
- E. Forms of Fluoride
- F. Fluoride Rinses
- XXVII. Enamel Sealants
 - a. Indications and Contraindications
 - b. Materials
 - c. Placement
- 28. 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