

Course Objectives/Course Outline
Spokane Community College

Course Title: EFDA Amalgam Clinical

Prefix and Course Number: Dent 148

Course Description:

The following objectives and content focuses on the clinical components of the amalgam curriculum to include: armamentarium including various matrices, classification of restorations; components of the prepared tooth; materials, composition of amalgam, advantages and disadvantages, indications and contraindications; placement, condensing and carving; evaluation of restoration; occlusal adjustment.

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.

Clinical:

- Prepare the correct armamentarium.
- Follow amalgam safety protocol.
- Ensure moisture control and non-contamination of the cavity preparation during the procedure.
- Demonstrate effective placement of matrix and wedge.
- Prepare and place assigned dental materials.
- Place, condense and carve restorations.
- Evaluate the restoration according to the established criteria which includes: a well adapted, functionally correct, and harmonious anatomy.
- Provide post-operative instructions.

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

Course Outline:

- I. Armamentarium
- II. Matrices, retainers and wedges
- III. Tissue management
- IV. Cavity Classifications
 - A. Class I
 - B. Class II
 - C. Class III
 - D. Class IV
 - E. Class V
 - F. Class VI
- V. Cavity preparation terminology
- VI. Bonding, bases and liners
- VII. Physical properties of amalgam
 - A. Safety protocol
 - B. MSDS protocol
- VIII. Patient management
- IX. Moisture control and contamination prevention of the cavity preparation.
- X. Place, condense and carve amalgam restoration
 - A. advantages/disadvantages

B. indications/contraindications

XI. Occlusal relations

A. Check

B. Adjust

XII. Evaluate restoration.

XIII. Post-operative instructions.