

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

Course Title: EFDA Impressions/ Provisional
Prefix and Course Number: Dent 155

Prerequisite:

Successful completion of Dent 141,142 EFDA Review

Course Description:

The following objectives and content focuses on the didactic components of taking preliminary and final impressions and bite registrations. This course content will include computer assisted design and computer assisted manufacture applications and temporary restorations.

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.

Didactic:

- Indicate common anomalies to examine before taking an impression.
- List anatomical structures that should be included in final impressions.
- Describe and define oral fixed and removable prosthesis.
- Describe and demonstrate knowledge, uses, and manipulation of impression materials for final impressions including, polyether, polysulfide, polyvinyl siloxane, and reversible hydrocolloid.
- Understand the importance of work and setting times in situations where two impression materials are used simultaneously.
- Indicate how the setting time of impression material can be altered.
- Indicate the guidelines to follow when selecting the proper tray size for the mandibular and maxillary arch.
- Describe techniques for moisture control and isolation.
- Describe the different systems for gingival deflection and retraction including homeostasis.
- Explain the steps for placing and removing gingival retraction cord.
- Indicate guidelines to follow when working with a patient who has a tendency to gag.
- Indicate instructions given to the patient while taking a mandibular impression.
- Describe the criteria for preparing and properly seating an impression tray.
- Describe the proper way to remove the impression.
- Evaluate the final impression for accuracy according to established criteria for the task.
- Explain proper handling of final impression after removal from the oral cavity.
- Review the components necessary for completion of a laboratory prescription.
- Describe the steps in making a temporary restoration
- Describe the steps in computer assisted design and computer assisted manufacture application.

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

Course Outline:

- I. Common anomalies to examine before taking an impression

- II. Anatomical structures
- III. Oral fixed and removable prosthesis
- IV. Impression material
 - A. Preliminary
 - B. Polyether
 - C. Polysulfide
 - D. Polyvinyl siloxane
 - E. Reversible hydrocolloid
- V. Management of material when using more than one material simultaneously.
- VI. Altering setting time.
- VII. Selecting appropriate tray.
- VIII. Moisture control and isolation.
- IX. Gingival deflection and retraction including homeostasis.
- X. Patient management.
 - A. Instructing patient during impression procedure.
 - B. Gag reflex control.
 - C. Saliva control.
- XI. Insertion and removal of impression tray.
 - A. Patient position
 - B. Operator position
- XII. Evaluation of the final impression.
- XIII. Management of final impression.
- XIV. Laboratory prescription.
- XV. Temporary Restorations
- XVI. Computer assisted design and manufacture application.
- XVII. Bite registration.