

## **Course Description**

### **DEH2603L | Periodontology 2 Laboratory | 1.00 credit**

DEH2603L encompasses a continuation of learning current periodontal trends in the dental office. The student will have hands on activities including the use of chemotherapeutics, subgingival irrigation, finishing strips, CAMBRA, periodontal assays, plaque smears, vertical bitewings, and advanced root planning and instrumentation. Periodontal charting, radiographic interpretation, Florida probe, and periodontal cases will be practiced.

## **Course Competencies**

**Competency 1:** The student will demonstrate knowledge, comprehension, and application of periodontal charting by:

1. Performing an accurate periodontal charting on a student partner
2. Clinically detecting periodontal landmarks and deviations
3. Clinically detecting predisposing factors to periodontal disease
4. Describing and performing correct infection control protocol for periodontal charting

**Competency 2:** The student will demonstrate knowledge, comprehension, and application of advanced root planning by:

1. Describing the various types of root planning instruments available, their areas of use, the purpose of design, and benefits
2. Describing the process, and performing on a typodont, advanced root planning techniques that are used on moderate to advanced periodontal patients
3. Describing and performing on a student partner, the various finger rests/fulcrums acceptable for advanced periodontal instrumentation

**Competency 3:** The student will demonstrate knowledge, comprehension, and application of phase contrast microscopy by:

1. Stating the uses of the phase microscope
2. Performing a plaque smear on a student partner
3. Identifying various microorganisms on the phase microscope
4. Performing the correct infection control procedures when taking a plaque smear

**Competency 4:** The student will demonstrate knowledge, comprehension, and application of obtaining a photographic record of the patient's oral health status using the Intraoral Camera by:

1. Explaining the purpose of using an intraoral camera
2. Demonstrating the proper infection control protocol for an intraoral camera
3. Locating and describing the purpose of the components of an intraoral camera
4. Viewing, focusing, and capturing an image electronically

## **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Use computer and emerging technologies effectively