

LABETTE COMMUNITY COLLEGE BRIEF SYLLABUS

SPECIAL NOTE:

This brief syllabus is not intended to be a legal contract. A full syllabus will be distributed to students at the first class session.

TEXT AND SUPPLEMENTARY MATERIALS USED IN THE COURSE (if any):

Please check with the LCC bookstore <http://www.labette.edu/bookstore> for the required texts for this class.

<u>COURSE NUMBER:</u>	DNAS 135
<u>COURSE TITLE:</u>	CHAIRSIDE ASSISTING II
<u>SEMESTER CREDIT HOURS:</u>	3
<u>DEPARTMENT:</u>	Dental Assistant
<u>DIVISION:</u>	Health Science
<u>PREREQUISITES:</u>	DNAS 114 Chairside Assisting I
<u>REVISION DATE:</u>	February 2016

COURSE DESCRIPTION:

This course continues and builds upon the principles of working as a team member during restorative and preventive procedures while using various types of dental materials.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Identify types of and assist in restorative dentistry procedures.
 - Discuss the role of the dental assistant in a restorative procedure.
 - Discuss the differences in assisting with an amalgam versus a composite restoration.
 - Prepare for and demonstrate assisting during an amalgam restoration and composite restoration.
 - Discuss why retention pins would be selected for a complex restorative procedure.
 - Describe the need for placement of an intermediate restoration.
 - Demonstrate placing and carving an intermediate restoration.
 - Describe the procedure of applying composite veneers.
 - Describe tooth whitening procedures and explain the role of the dental assistant.
2. Identify types of matrix bands and assist in their application.
 - Describe the use of a matrix system in class II, III, and IV restorations.
 - Describe the types of matrices used for posterior and anterior restorations.

- Discuss the purpose of and demonstrate placement of a wedge.
- Demonstrate assembly of a matrix band and universal retainer, placement and removal.
- Demonstrate placement of a plastic matrix.

3. Demonstrate a working knowledge of fixed and removable prosthodontics.

- Compare and contrast fixed prosthesis versus removable prosthesis.
- Differentiate between full crowns, inlays, onlays and veneer crowns.
- Identify components of a fixed bridge and identify home care instructions for a permanent fixed prosthesis.
- Describe the preparation and placement of a cast crown.
- Describe the use of retraction cord prior to taking a final impression.
- Demonstrate the placement and removal of gingival retraction cord.
- Assist in the preparation and cementation of an indirect restoration.
- Differentiate between a partial and full denture.
- Identify indications and contraindications for removable partial and full denture.
- Discuss the construction of an overdenture and an immediate denture.
- Discuss the possible tissue changes as a result of ill-fitting prosthetic devices
- Describe the process of relining or repairing a partial or full denture.
- Identify the necessary steps in infection control of prosthodontic appliances sent to a dental laboratory.

4. Discuss types of provisional coverage and demonstrate skills to produce provisional crowns/bridges.

- Discuss the indications for provisional coverage for a crown or fixed bridge preparation.
- Describe types of provisional coverage and discuss the role of the dental assistant in fabrication of these.
- Identify home care instructions for provisional coverage.
- Fabricate various types of provisional coverage including: custom acrylic crown/bridge, preformed polymer crown and a polycarbonate crown.

5. Discuss and describe dental implants.

- Discuss the indications for and contraindications to dental implants.
- Identify types of dental implants.
- Describe the surgical procedures for implantation.
- Describe home care procedures and follow up visits required after the placement of dental implants.

6. Provide an overview of root canal therapy.

- Describe the diagnostic tests used in endodontic diagnosis.
- List the types of endodontic procedures.
- Discuss and describe the medicaments, dental materials, and instruments used in endodontics.
- Describe surgical endodontics and how it affects treatment.
- Assist in electric pulp vitality test.

- Assist in root canal therapy.

7. Assist in the treatment of patients with periodontal disease to meet the needs of the periodontal practice.

- Describe the role of the dental assistant in a perio practice.
- Explain the procedures necessary for a comprehensive perio exam.
- Identify and describe the instruments used in perio therapy.
- Identify the indications for placement of perio surgical dressings, and describe the technique for proper placement.
- Describe the role of radiographs in perio treatment.
- Describe types and goals of nonsurgical perio therapy.
- Describe the types and goals of surgical perio therapy.
- Assist with a prophylaxis procedure.
- Demonstrate perio charting.
- Prepare and place a non-eugenol perio dressing.
- Remove a perio surgical dressing.

8. Assist an oral surgeon in oral and maxillofacial surgeries to respond to the needs of the surgical patient.

- Describe the role of the oral surgery assistant.
- Identify specialized instruments used for basic surgical procedures.
- Describe surgical procedures typically performed in a general practice.
- Describe postoperative care given to a patient after a surgical procedure.
- Discuss possible complications resulting from surgery.
- Discuss the importance of the chain of asepsis during a surgical procedure.
- Perform sterile gloving.
- Assist in a simple extraction.
- Assist in suture placement and perform suture removal.
- Assist in the treatment of alveolitis.
- Provide post operative instructions for extractions and other surgical procedures.

9. Assist the pedodontist in the treatment of children as required by that discipline of dentistry.

- Discuss specific behavior techniques that work as positive reinforcement when one is treating children.
- Describe why children and adults with special needs are treated in a pediatric practice.
- Describe what is involved in the diagnosis and treatment planning of a pediatric patient.
- Discuss the importance of preventive dentistry in pediatrics.
- List the types of procedures that are performed for the pediatric patient compared with those performed to treat patients with permanent teeth.
- Assist in the placement of a stainless steel crown.

10. Discuss and describe coronal polishing and the benefits in relationship to removal of plaque and stains from the teeth.

- Explain difference between coronal polishing and prophylaxis.
- Explain the indications for and contraindications to a coronal polish.
- Name and describe the types of extrinsic stains.
- Name and describe the two categories of intrinsic stains.
- List and describe types of abrasives used in polishing.
- Demonstrate coronal polishing technique.
- Demonstrate proper seating positions for the operator and the dental assistant during a coronal polish procedure.

11. Discuss the purpose and application of dental sealants.

- Describe the two types of polymerization.
- Explain two ways that dental sealants prevent the development of caries.
- Discuss indications for and contraindications of dental sealants.
- Explain the most important factor in sealant retention.
- Demonstrate procedure for applying dental sealants.

12. Assist in treatment of orthodontic patients to meet the needs of an orthodontic practice or the general dentist providing orthodontic services.

- Describe the types of malocclusion.
- Discuss corrective orthodontics and describe what type of treatment is involved.
- List the types of diagnostic records that are used to assess ortho problems.
- Describe the components of the fixed appliance.
- Describe the use and function of headgear.
- Describe ways to convey the importance of good dietary and oral hygiene habits in the practice of ortho.
- Place and remove separators.
- Assist in the fitting and cementation of ortho bands and brackets.
- Place an arch wire.
- Place and remove ligature ties.
- Place and remove elastomeric ties.