

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.

COURSE NUMBER: DNAS 107

COURSE TITLE: DENTAL HEALTH EDUCATION

SEMESTER CREDIT HOURS: 2

DEPARTMENT: Dental Assistant

DIVISION: Health Science

PREREQUISITES: Successful completion of DNAS 101, DNAS 110, DNAS 111, DNAS 114, DNAS 118, and DNAS 119

REVISION DATE: February 2016

COURSE DESCRIPTION:

This course will cover the basic study of oral health and prevention of dental disease with emphasis on: dental health education, dental diseases, nutrition, oral pathology, and the philosophy of preventive dentistry.

COURSE OUTCOMES AND COMPETENCIES:

Students who successfully complete this course will be able to:

1. Explain the significance and nature of dental caries.
 - Name the most chronic common disease in children and explain the risk factors for early childhood caries.
 - Identify dental caries as an infectious disease.
 - Describe the stages of caries development of and identify the risk factors.
 - Use the caries risk assessment form to determine caries risk.
 - List and describe methods of controlling dental caries.
 - Summarize the role of saliva in oral health.
 - Describe the relationship between diet and dental caries.
 - Distinguish between root caries and smooth surface caries.

2. Define periodontal disease and discuss the role and importance of the structures that surround teeth.

- Name and describe the tissues of the periodontium.
- Describe the prevalence of periodontal disease
- Identify systemic factors that may influence periodontal disease.
- Differentiate between plaque and calculus.
- Explain the significance of plaque and calculus in periodontal disease.
- Identify and describe the two main types of periodontal disease.
- Describe systemic conditions that are linked to periodontal disease.
- Identify the risk factors that contribute to periodontal disease.
- List signs and symptoms most often seen in patients with perio disease.
- Describe the progression of periodontal disease.
- Describe the clinical characteristics of gingivitis.

3. State the goal of preventive dentistry and discuss various methods used in partnership with patient cooperation to achieve lifelong optimal oral health.

- Describe the components of a preventive dentistry program.
- Explain importance of early dental care and provide examples.
- Provide examples of patient education regarding preventive care.
- Explain and demonstrate proper brushing and flossing techniques.
- Discuss the benefits of fluoride and various sources and methods of delivery of fluoride.
- Demonstrate the application of topical fluoride.
- Explain why the study of nutrition is important to the dental assistant.
- Explain how diet and nutrition can affect oral conditions.
- Discuss the health and oral implications of eating disorders.
- Discuss and list cariogenic foods.
- Explain the relationship between frequency and quantity of cariogenic foods in causing tooth decay.

4. Recognize the differences between normal and abnormal conditions that appear in the mouth.

- Explain why oral pathology is important for the dental assistant.
- Explain why categories of diagnostic information are necessary.
- Describe the warning symptoms of oral cancer.
- Describe the types of oral lesions.
- Describe the appearance of lesions associated with the use of smokeless tobacco.
- Describe conditions associated with the tongue.
- Identify oral conditions related to nutritional factors.
- Recognize the oral conditions of a patient with bulimia.
- Recognize developmental disorders of dentition.
- List and define three anomalies that affect teeth.
- List and define five anomalies related to the shape of the teeth.
- Describe the classic signs of inflammation.
- Differentiate between chronic and acute inflammation.