

## DHYG 113 PRE-CLINICAL DENTAL HYGIENE SEMINAR 3 CREDITS

### SYLLABUS

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#### CATALOG DESCRIPTION

Introductory knowledge, skills and attitudes to function in the clinical setting and be able to continue in clinical dental hygiene courses. Emphasis on scientific principles and current theory, prevention of disease transmission, ethical and professional treatment of patients, clinical preparation and comprehensive care of the patient.

Prerequisites: Admission into the Dental Hygiene Program.

Semester Offered: Fall

#### ***Common Student Learning Outcomes***

*Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...*

##### **BROAD AND SPECIALIZED LEARNING**

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

##### **CRITICAL THINKING**

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

##### **CULTURAL AND CIVIC ENGAGEMENT**

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

##### **EFFECTIVE COMMUNICATION**

Students will exchange ideas and information with clarity in multiple contexts.

##### **INFORMATION LITERACY**

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

##### **INTEGRATING TECHNOLOGIES**

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

*Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.*

#### **Course Goals**

1. Explain the application of basic theoretical background necessary to ensure a safe and effective clinical environment for both clinician and patient.
2. Develop a theoretical framework for comprehensive patient care that is evidence-based and can be applied in the preclinical and clinical settings throughout the course of this professional program.

3. Develop critical thinking and problem solving skills which will help integrate theory into practice in the preclinical and clinical settings and will be applied to case studies.
4. Model professional behavior at all times.

## Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Discuss the role of the professional dental hygienist, the dental hygiene process of care and factors that influence clinical practice.
2. Explain the importance of infection control, asepsis and OSHA Standards and identify methods of prevention of disease transmission including:
  - a. use of personal protective equipment
  - b. use of standard precautions and general asepsis
  - c. proper unit and operatory maintenance
  - d. proper instrument preparation
  - e. use of sterilization equipment
3. Discuss the importance of the patient's personal, medical and dental health history and develop appropriate interviewing techniques that involve the patient and lead to consent for treatment.
4. Demonstrate record keeping skills that meet medico-legal requirements including signatures of supervising clinicians and apply this knowledge when presented with case scenarios reflecting comprehensive patient care.
5. Explain the objectives and procedures of the following patient assessments and their relationship to providing comprehensive patient care:
  6. medical/dental history
  7. vital signs
  8. extra/oral and intra/oral examination including common pathological conditions
  9. dental examination including clinical recognition of dental caries
  10. periodontal examination including gingival description and probe score charting
11. Discuss caries, gingivitis and periodontal disease development and identify contributing factors to this development and basic oral self care strategies designed to eliminate or control these conditions.
12. Provide rationale for the use of fluoride and chemotherapeutic agents for oral hygiene care.
13. Recognize dental deposits including plaque, calculus and stains and describe their origin and influence on oral health.
14. Explain the procedures for removing dental calculus and extrinsic stains and soft deposits using the following equipment.
  - a. mirror
  - b. explorer
  - c. probe
  - d. sickle scalers
  - e. curets
  - f. dental handpiece
  - g. disclosing agents, toothbrush and floss
15. Explain the procedure of developing a dental hygiene care plan and provide rationale for its use in comprehensive patient care.
16. Describe the fundamental procedures associated with ethical and professional treatment of patients in the SJC clinic.
17. Discuss behavior management techniques for patients in the SJC clinic.