

DHYG 114-PRE-CLINICAL DENTAL HYGIENE 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Clinical application of basic theories and procedures used in dental hygiene practice. Emphasis is on the techniques of instrumentation used in performing diagnostic, preventive and therapeutic services utilized in providing comprehensive patient care. The dental hygiene student will practice techniques on manikins and student partners in the clinic.

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. Demonstrate basic dental hygiene skills as evidenced by a 75% or higher accuracy on learning assessments.
2. Demonstrate the principles and procedures required for comprehensive dental hygiene patient care that are based on scientific evidence.

3. Integrate the knowledge of head and neck anatomy, tooth morphology, and dental radiology into clinical examination and instrumentation.
4. Demonstrate professional communication styles that will be used to help interview and educate patients and work as a productive team member.
5. Develop critical thinking and problem solving skills which will help integrate theory into practice in both pre-clinical and clinical settings and will be applied to case studies and to case management.
6. Model professional behavior at all times.

Course Learning Outcomes

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

- 1) Explain the importance of infection control and asepsis, OSHA Standards for infection control and hazard communications, SJC policies and procedures and utilize methods of prevention of disease transmission including:
 - a. use of personal protective equipment
 - b. use of universal/standard precautions and procedures for general asepsis
 - c. proper unit and operatory maintenance
 - d. use of sterilization equipment
- 2) Discuss the importance of patient's personal, medical and dental health histories and develop appropriate interviewing techniques that involve the patient and lead to consent for treatment.
- 3) 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.
- 4) Demonstrate the principles of operator positioning to avoid occupational injuries.
- 5) Demonstrate the procedures of the following patient assessments and explain their relationship to providing comprehensive patient care.
 - a. medical/dental/social history
 - b. vital signs
 - c. extra/oral and intraoral examinations including common pathological conditions
 - d. dental examination including clinical recognition of dental caries
 - e. periodontal examination including gingival description and periodontal charting.
- 6) Demonstrate an understanding of basic instrument fundamentals including the use of:
 - a. mouth mirror
 - b. dental explorers
 - c. periodontal probes
 - d. sickle scalers
 - e. universal and area specific curets
 - f. dental handpiece and prophylaxis angles.
 - g. ultra-sonic scalers / air powder polishers
7. Discuss oral infection control and demonstrate personal oral hygiene techniques and aids.
8. Demonstrate selective polishing and the application of topical fluorides.
9. Demonstrate the use of all clinic forms, references, and an understanding of all San Juan College Dental Hygiene Policies and Procedures in the application of clinical procedures.