

# Dental Hygiene

## Overview

The Sacramento City College Dental Hygiene program is accredited by the [Commission on Dental Accreditation \(https://www.ada.org/en/coda\)](https://www.ada.org/en/coda).

For more detailed information related to the program, students should consult the current version of the [Dental Hygiene Program Handbook \(PDF\) \(/scc/main/doc/3-Academics/2-Programs-and-Majors/Dental-Hygiene/dental-hygiene-program-manual.pdf\)](#).

## Career Options

The program is accredited by the Commission on Dental Accreditation of the American Dental Association. Upon completion of the program, students will be prepared for employment as a dental hygienist. The registered dental hygienist is a licensed, professional, oral health educator, and clinician who works under the direction and supervision of a licensed dentist to provide preventive and therapeutic services for the control of oral diseases.

## Program and Employment Outcomes

### Program Outcomes

COHORT	ATTEMPT	NATIONAL BOARD	CLINICAL BOARD
2012	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	22/23 96% 23/23 100%	23/23 100%
2013	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt 3 <sup>rd</sup> attempt	19/19 100%	17/19 89% 18/19 95% 19/19 100%
2014	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt 3 <sup>rd</sup> attempt	16/21 76% 17/21 81% 20/21 95%	19/21 90% 20/21 95%
2015	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	21/21 100%	21/21 100%
2016	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	22/22 100%	21/22 95% 22/22 100%
2017	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	22/23 96% 23/23 100%	22/23 100%
2017	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	21/21 100%	21/21 100%
2018	1 <sup>st</sup> attempt 2 <sup>nd</sup> attempt	20/21	21/21 100%

### Graduate Employment Outcomes

COHORT	EMPLOYMENT IN A DENTAL OFFICE OR CONTINUING EDUCATION (6 MONTHS POST GRAD)	(1 YEAR POST GRAD)
2012	22/23	23/23
2013	14/19 *5 unknown	19/19
2014	12/21 *6 unknown	20/21
2015	21/21	21/21
2016	22/22	22/22
2017	22/23	21/21
2018	TBD	TBD

## Costs of the Program

**In addition to normal student expenses, the Dental Hygiene Program requires an expenditure of approximately \$11,700.00.** Costs listed are estimates only; exact costs may vary. Funds paid for instruments, equipment, uniforms, SADHA, DCHA, and class dues are non-refundable.

### Additional Expenses

ESTIMATED EXPENSE	LOW END
Clinic Shoes (OSHA approved)	\$50.00
Clinical Instruments and Equipment	\$8,714.13
Uniforms	\$150.00
SADHA Membership	\$65.00

## Additional Expenses

ESTIMATED EXPENSE	LOW END
Hepatitis B Vaccine	\$115.00
Magnification Glasses and Light	\$1,600.00
Malpractice Insurance (once per year)	\$15.00
Class Dues (per month)	\$20.00
CDHA Dues (once per year)	\$25.00
Books	\$570.00
HESI Assessments	\$170.00
Program CPR	\$50.00
Anna Pattison Videos	\$99.99
Gloves	\$70.00

**Dean** [James Collins \(/about-us/contact-us/faculty-and-staff-directory/james-collins\)](#)  
**Program Director / Chair** [Melissa Fellman \(/about-us/contact-us/faculty-and-staff-directory/melissa-fellman\)](#)  
**Meta-Major** [Health and Health Professions \(/academics/meta-majors/health-and-health-professions\)](#)  
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# Associate Degree

## A.S. in Dental Hygiene

The Dental Hygiene Program consists of prerequisite courses in addition to dental hygiene courses. Students are required to complete additional general education and graduation requirements to earn an AS degree in Dental Hygiene. The program is accredited by the Commission on Dental Accreditation of the American Dental Association. The Commission is a specialized accrediting body recognized by the United States Department of Education and can be contacted at 211 East Chicago Avenue, Chicago, Illinois 60611. Program graduates are eligible to take the National Board Dental Hygiene Examination, which is administered by the Joint Commission on National Dental Examinations, the California RDH Examination, and other state and regional licensing examinations.

In addition to normal student expenses (tuition, books, etc.), the Dental Hygiene Program requires an expenditure of over \$10,000 during the two-year program for uniforms, instruments, and special supplies. More than \$8,000 will be needed at the beginning of the first semester. If this creates a financial burden, students should consult the Financial Aid Office for possible assistance one semester before entering the program.

**Recommended Preparation**  
 High school and college preparatory courses including algebra, biology, chemistry, and physiology are recommended.

**Graduation Requirements:**  
 Additional courses are necessary to meet Graduation Requirements. These may include American Institutions, Ethnic/Multicultural Studies, Humanities, Living Skills, and Competency Requirements.

Students must consult with a counselor to determine their individual educational plan.

A grade of "C" or better in all Dental Hygiene courses is required for progression in the Dental Hygiene program and for recommendation to apply for the Dental Hygiene licensing examination.

The Associate in Science Degree in Dental Hygiene must be obtained for graduation from the program.

**Catalog Date:** January 1, 2021

## Degree Requirements

COURSE CODE	COURSE TITLE	UNITS
<b>Enrollment Eligibility Courses:</b>		
AH 301	Health Care in a Multicultural Society	3 <sup>1</sup>
BIOL 430	Anatomy and Physiology	5
BIOL 431	Anatomy and Physiology	5
BIOL 440	General Microbiology	4
[CHEM 305	Introduction to Chemistry (5)	5-10
and CHEM 306]	Introduction to Organic and Biological Chemistry (5)	
or CHEM 309	Integrated General, Organic, and Biological Chemistry (5)	
COMM 301	Introduction to Public Speaking (3)	3
or COMM 331	Group Discussion (3)	
or COMM 481	Introduction to Public Speaking - Honors (3)	
DHYG 100	Introduction to Dental Hygiene	0.5
ENGWR 300	College Composition (3)	3-4
or ENGWR 488	Honors College Composition and Research (4)	

COURSE CODE	COURSE TITLE	UNITS
MATH 120	Intermediate Algebra	5 <sup>2</sup>
NUTRI 300	Nutrition (3)	3
or NUTRI 480	Nutrition Honors (3)	
PSYC 300	General Principles (3)	3
or PSYC 480	Honors General Principles (3)	
SOC 300	Introductory Sociology (3)	3
or SOC 480	Introductory Sociology - Honors (3)	
<b>First Semester (Fall):</b>		
DHYG 101	Introduction to Clinical Dental Hygiene	6
DHYG 103	Oral Histology and Embryology	1
DHYG 104	Patient Education and Nutrition	2
DHYG 107	Dental Morphology	1.5
DHYG 109	Infection Control and Hazardous Materials	0.5
<b>Second Semester (Spring):</b>		
DHYG 111	Clinical Dental Hygiene I	4
DHYG 112	Periodontics I	2
DHYG 113	Head and Neck Anatomy	2
DHYG 117	Dental Radiology	3
<b>Summer Session :</b>		
DHYG 121	Clinical Dental Hygiene II	2
DHYG 127	Dental Materials	2
DHYG 129	Dental Anesthesia	2
<b>Third Semester (Fall):</b>		
DHYG 131	Clinical Dental Hygiene III	4.5
DHYG 132	Periodontics II	1
DHYG 134	Community Dental Health	2
DHYG 135	Clinic Seminar	1.5
DHYG 138	Oral Pathology	2
DHYG 139	Pharmacology	2
<b>Fourth Semester (Spring):</b>		
DHYG 141	Clinical Dental Hygiene IV	4.5
DHYG 145	Clinic Seminar II	1
DHYG 149	Ethics, Jurisprudence and Dental Hygiene Practice	2
<b>Total Units:</b>		<b>91 - 97</b>

<sup>1</sup>Any course that meets the Ethnic/Multicultural graduation requirement meets this enrollment eligibility criteria.

<sup>2</sup>MATH 120 or higher meets this enrollment eligibility criteria.

*The Dental Hygiene Associate in Science (A.S.) degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See SCC graduation requirements.*

## Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

- a high school diploma or the recognized equivalent, which will permit entrance to a college or university accredited by an agency recognized by the U.S. Department of Education or Council for Higher Education Accreditation.
- enrollment in the Dental Hygiene program is based on satisfactory completion of prerequisite courses with grades of "C" or better and submission of an online application and official transcripts to Admission and Records. Enrollment eligibility courses include:
- BIOL 430 and 431, Anatomy and Physiology; BIOL 440, General Microbiology; CHEM 305 and CHEM 306 or CHEM 309, with a cumulative minimum GPA of 3.0.
- NUTRI 300 or NUTRI 480, Nutrition; PSYC 300 or PSYC 480, General Principles; SOC 300 or SOC 480, Introductory Sociology; COMM 301, 331 or 481, Introduction to Public Speaking; ENGWR 300 or ENGWR 488, College Composition, Ethnic/Multicultural graduation requirement (See SCC Graduation Requirements), and DHYG 100, Introduction to Dental Hygiene, with a cumulative minimum GPA of 2.5.
- completion of MATH 120 or higher, with a grade of "C" or better.
- enrollment eligibility courses taken for Credit/No Credit (C/NC) will be calculated into GPAs as a "C" grade.

## Enrollment Process

Eligible students are selected for the program according to the following steps:

- Applications for enrollment are submitted online. One (1) official transcript supporting completion of prerequisite courses outside of the district must be submitted to Sacramento City College Admissions and Records by the posted due date. Enrollment applications and deadlines are available on the SCC website at <http://www.scc.losrios.edu/dental/dental-hygiene/>
- Completion of the enrollment eligibility requirements places the applicant in the random selection pool. Eligible students who are not selected for program enrollment will be considered alternates. Students that apply consecutive years retain their alternate ranking from their first application year.
- A background check and drug screening will be required of all students upon enrollment.

## Student Learning Outcomes

Upon completion of this program, the student will be able to:

- use evidence-based care to assess, plan, implement, and evaluate dental hygiene treatment for a diverse population based on their total needs.
- incorporate and apply professional, ethical, legal, and regulatory concepts to oral health care services, community projects, and professional activities.
- integrate and apply health literacy and culturally competent communication skills to oral health care services, academic endeavors, community projects, and professional activities.
- assess, plan, implement, and evaluate community-based oral health projects.
- successfully complete written and clinical examinations for dental hygiene licensure and certification.
- apply critical thinking and self assessment skills to enhance learning, research, patient care, professional growth, and continued competency.

## Career Information

This program prepares the student for employment as a dental hygienist. The registered dental hygienist is a licensed, professional, oral health educator, and clinician who works under the direction and supervision of a licensed dentist to provide preventive and therapeutic services for the control of oral diseases. Dental hygienists aid individuals and groups in attaining and maintaining optimum oral and general health through provision of services such as assessment of medical and dental conditions, oral hygiene education, oral prophylaxis - the removal of plaque, calculus, and stains from the teeth - and application of preventive agents such as fluoride and sealants. The dental hygienist may be employed in dental offices, schools, health care facilities, public health agencies, industry, and educational institutions.

## Dental Hygiene (DHYG) Courses

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### DHYG 100 Introduction to Dental Hygiene

<b>Units:</b>	0.5
<b>Hours:</b>	9 hours LEC
<b>Prerequisite:</b>	None.
<b>Catalog Date:</b>	January 1, 2021

This course is an introduction to the practice of Dental Hygiene. Topics include vital signs, dental terminology, infection control, study strategies, and the expectations and concerns of the dental hygiene professional.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the "ladder concept" of dentistry in California.
- determine which duties can be performed by each member of the dental team.
- categorize the "Essential Functions" needed to perform the duties required in the Allied Health field.
- differentiate the functions of the dental hygienist in California.
- utilize study strategies, such as time-management skills, test-taking strategies, and note-taking skills that may be useful for success in the dental hygiene program.
- recall basic dental terminology, such as tooth numbering and landmarks, necessary for the entering dental hygiene student.
- describe the hazards and responsibilities of the dental hygienist as related to the Federal OSHA standards.
- describe the hazards and responsibilities of the dental hygienist as related to treatment of all individuals including those with infectious diseases and those with different backgrounds.

### DHYG 101 Introduction to Clinical Dental Hygiene

<b>Units:</b>	6
<b>Hours:</b>	36 hours LEC; 216 hours LAB
<b>Prerequisite:</b>	See enrollment limitations.
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 480, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 480, SOC 300 or SOC 480, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

This course provides an introduction to dental hygiene concepts and procedures. Emphasis is placed on the assessment phase of patient care as well as on the theory and performance of basic dental hygiene instrumentation procedures.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- elicit and record an accurate medical/dental history.
- obtain vital signs.
- perform a systematic extraoral and intraoral inspection.
- perform a dental charting.
- perform clinical periodontal probe and calculus detection assessments.
- demonstrate utilization of proper aseptic techniques.
- utilize correct patient/operator positioning.
- demonstrate a knowledge of instrument design, classification, and usage.
- select appropriate instruments for various treatment cases.

- demonstrate correct instrumentation and coronal polish techniques according to pre-specified criteria and competency level.
- provide patient education.
- utilize appropriate communication and patient management skills to provide the patient with individualized information regarding dental hygiene treatment procedures.
- demonstrate affective skills in the areas of cooperation, critical thinking and problem solving.
- demonstrate competency in instrument processing, unit set up and break down, hand washing, and utilization of personal protective equipment.

## DHYG 103 Oral Histology and Embryology

<b>Units:</b>	1
<b>Hours:</b>	18 hours LEC
<b>Prerequisite:</b>	See enrollment limitations.
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 400, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 400, SOC 300 or SOC 400, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

Oral Histology and Embryology is the study of microscopic tissues and structures of the teeth, periodontium, and oral cavity as related to the clinical practice of dental hygiene.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the process of both prenatal development and developmental disturbances related to the development of the face, neck, and oral structures.
- outline the events that occur during the development of the face and neck, describing each step in formation.
- outline the events that occur during the development of the teeth and associated structures and during tooth eruption, describing each step of formation.
- indicate and discuss the components of the cell, including the cell membrane, cytoplasm, organelles, and inclusions.
- list and describe each of the basic histological types of tissue.
- list and describe the types of oral mucosa, characterizing each of the different types of epithelium associated with each region in the oral cavity, including the tongue.
- describe the composition and discuss the development of the dentogingival junctional tissues.
- describe the location of each head and neck structure.
- describe the properties of enamel and discuss the microscopic features.
- discuss the microscopic features of dentin and pulp.
- indicate and discuss the microscopic features of the periodontium.
- prepare and deliver a presentation to an audience.

## DHYG 104 Patient Education and Nutrition

<b>Units:</b>	2
<b>Hours:</b>	36 hours LEC
<b>Prerequisite:</b>	See enrollment limitations
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 400, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 400, SOC 300 or SOC 400, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

This course covers the principles and practices of preventing and controlling dental disease with emphasis on nutrition, plaque control, motivation, and chairside patient education.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- define and apply the principles of primary, secondary, and tertiary preventive dentistry.
- effectively demonstrate both brushing techniques and auxiliary plaque control aids in his or her own mouth as well as help clients with instruction and feedback for these techniques.
- prepare chairside visual aids and patient education materials for use during dental hygiene appointments.
- plan, implement, and evaluate individualized plans for primary prevention for dental hygiene clients with beginning level competency.
- select, demonstrate, and explain rationale for use of a variety of oral hygiene devices and aids based on individual client needs and preferences.
- develop an awareness of the total client and his or her individual needs, motivation, and preferences in planning an integrated dental hygiene prevention and treatment plan.
- utilize and interpret basic dental health assessment indices in client evaluation and interpretation of journal articles.
- utilize and interpret a caries risk assessment in client evaluation and treatment planning.
- demonstrate knowledge of fluorides and other chemo-therapeutic agents and be able to explain the rationale for their use in individual and community client situations.
- explain the influence of nutrition on oral, dental disease, and total health.
- relate the basic principles of education, motivation, and psychology and their applications to dental hygiene client education, preventive treatment and oral care planning.
- differentiate between cariogenic sugars and non-cariogenic sweeteners.
- describe and implement preventive strategies to halt or decrease caries frequency in high-risk or at-risk patients.
- describe the different types of tobacco, their use, harmful toxins, carcinogens, and potential for associated oral diseases and lesions.
- identify and describe the components of a successful tobacco cessation intervention program in a dental office and community settings.
- recognize the common oral conditions and diseases of patients with developmental disorders.
- apply specific preventive strategies to use with patients with developmental disorders.

# DHYG 107 Dental Morphology

<b>Units:</b>	1.5
<b>Hours:</b>	18 hours LEC; 27 hours LAB
<b>Prerequisite:</b>	See enrollment limitations.
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 400, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 400, SOC 300 or SOC 400, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

Dental Morphology is the study of the formation, function, and structure of the teeth, and their supporting structures.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the two dentitions and their relationship.
- assign the correct universal designation for a tooth and its correct dentition period when examining a figure or a patient.
- describe the general and specific features of permanent anterior teeth and each permanent anterior tooth type.
- describe the general and specific features of permanent posterior teeth and each permanent posterior tooth type.
- describe the general features of primary teeth and of each primary tooth type.
- outline Angle's classification of malocclusion and how it relates to patient care.
- demonstrate an understanding of the need for preventative measures and occlusal sealants for teeth as it relates to pits and fissures.

# DHYG 109 Infection Control and Hazardous Materials

<b>Units:</b>	0.5
<b>Hours:</b>	9 hours LEC
<b>Prerequisite:</b>	See enrollment limitations.
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 400, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 400, SOC 300 or SOC 400, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

This course emphasizes the legal and ethical aspects of infectious disease transmission and their prevention. The necessary information to meet Occupational Safety and Health Administration (OSHA) and Centers for Disease Control (CDC) requirements for education on infection control and hazardous material management is included.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the legal and ethical concepts of OSHA and the Dental Board of California regulations concerning infection control.
- describe and demonstrate understanding of the concept of disease transmission in the dental environment; how it occurs and how to prevent transmission of disease to self and to patients.
- explain how the HIV virus, TB (tuberculosis), herpes, and hepatitis viruses are spread and how to prevent potential transmissions.
- describe how to protect the dental patient with disinfection techniques, barrier control techniques, and sterilization.
- prepare appropriate records on infection control and management of hazardous materials.
- describe and demonstrate how to label and protect themselves from hazardous materials.

# DHYG 111 Clinical Dental Hygiene I

<b>Units:</b>	4
<b>Hours:</b>	36 hours LEC; 117 hours LAB
<b>Prerequisite:</b>	DHYG 103 and 107 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course provides clinical practice of oral prophylaxis through practical applications of procedures learned in DHYG 101. In clinic, students demonstrate various procedures on each other before applying them to patients: children over 5 years old and young adults. Techniques in patient education will be practiced. The lectures include rationale for more difficult traditional dental hygiene skills as students advance from preclinic to DHYG 111 Clinic I. Students are required to complete the minimum number of patients and services required.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate beginning level proficiency in the selection, development, and implementation of the treatment plan for the child and healthy adult patient.
- demonstrate the ability to plan, complete, and evaluate the preventive treatment plan for the child patient.
- demonstrate increased proficiency providing oral prophylaxis and auxiliary procedures to the child and healthy adult patient.
- demonstrate mastery of the rationale on written examinations, participate in initial laboratory experiences, and develop proficiency in the following areas: instrument sharpening, use of auxiliary plaque control aids, gracey instrumentation, root planing, desensitization, ultrasonics, periodontal examinations, and care of dental appliances and dental implants.

- demonstrate mastery of the clinical rationale on written examinations, and apply in the clinical setting when necessary.

# DHYG 112 Periodontics I

<b>Units:</b>	2
<b>Hours:</b>	36 hours LEC
<b>Prerequisite:</b>	DHYG 101, 103, 104, 107, and 109 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This is a course in periodontics that includes the identification of the normal periodontium and recognition of deviations from normal. It includes the etiology and principles of periodontal disease, examination procedures, treatment, and preventive measures.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- compare and contrast the clinical and histological characteristics of the periodontium in health, gingivitis, and periodontitis.
- describe variables associated with periodontal disease that an epidemiologist might include in a research study.
- name and describe the components of the biofilm structure.
- name the classic symptoms of inflammation.
- compare and contrast acute and chronic inflammation.
- describe two common local contributing factors that can increase plaque retention.
- list and describe systemic contributing factors related to periodontal disease.
- compare and contrast the terms periodontal disease, gingivitis, and periodontists.
- name and define the major subdivisions of gingival disease.
- compare and contrast chronic periodontitis and aggressive periodontitis.
- discuss and provide several examples of how systemic conditions can increase an individual's susceptibility to periodontal disease.
- summarize the elements in the framework of the evidence-based decision making process.
- describe and demonstrate decision making during treatment planning.
- list and describe the objectives for periodontal surgery.
- describe immunology and the host immune response.

# DHYG 113 Head and Neck Anatomy

<b>Units:</b>	2
<b>Hours:</b>	36 hours LEC
<b>Prerequisite:</b>	DHYG 101, 103, 104, 107, and 109 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This is a course in oral anatomy designed for the study of the head and neck structures or group of structures in relation to their function for the clinical practice of dental hygiene, especially the areas pertaining to local anesthesia.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- discuss the clinical applications of head and neck anatomy by dental professionals.
- locate and identify the regions and associated surface landmarks of the head and neck on a diagram and a patient.
- describe in detail the landmarks of the maxilla and mandible.
- locate and identify the muscles of the head and neck on a diagram, skull, and patient.
- locate and identify the landmarks of the temporomandibular joint on a diagram, skull, and patient.
- discuss the vascular system pathology associated with the head and neck region.
- locate and identify the glands and associated structures in the head and neck on a diagram, skull, and patients.
- compare the divisions of the central and peripheral nervous systems.
- identify the tissues and structures anesthetized by local anesthesia.
- analyze the lymphatic system.
- describe the spread of dental infections.

# DHYG 117 Dental Radiology

<b>Units:</b>	3
<b>Hours:</b>	36 hours LEC; 54 hours LAB
<b>Prerequisite:</b>	DHYG 101, 103, 104, 107, and 109 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course covers the principles of dental radiology. Topics include laboratory experience and clinical application of procedures involved in exposing, processing, interpreting, and evaluating dental

radiographs.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate acceptable practices of health and safety including infection control in relation to exposing and processing radiographs.
- relate basic principles of radiographic theory to the production of diagnostically acceptable radiographs.
- determine, in conjunction with a dentist and "Radiographic Guidelines," a patient's need for radiographs based upon integration of patient history and clinical examination.
- employ appropriate methods for intraoral radiography and be capable of modifying techniques to adjust to specific patient situations.
- identify radiographic techniques and processing errors and be able to remediate these errors with faculty and peers.
- interpret radiographic landmarks, basic caries, and periapical disease processes on intraoral and panoramic dental radiographs with beginning level competence.
- provide education to the patient regarding the need for value of and benefit/risk rationale for dental radiographs.
- demonstrate appropriate professionalism during class and laboratory sessions.

## DHYG 121 Clinical Dental Hygiene II

<b>Units:</b>	2
<b>Hours:</b>	110 hours LAB
<b>Prerequisite:</b>	DHYG 111, 112, 113, and 117 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course provides continued clinical experience in performing oral prophylaxis with wider variety of clinical cases, as well as complete assignments in clinical radiography. Students must complete minimal number of patient treatments and services listed in the syllabus.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate increased proficiency in efficient handling and evaluation of prophylaxis patients. Skills needed include instrument sharpening, use of auxiliary plaque control aids, gracey instrumentation, root planing, desensitization, ultrasonics, periodontal examinations, and care of dental appliances and dental implants.
- demonstrate acceptable technical ability for exposing, processing, and evaluating full-mouth x-rays.
- demonstrate the ability to plan, complete, and evaluate the preventive treatment plan for the adult patient.
- demonstrate beginning level proficiency for moderately-difficult to difficult patients.
- demonstrate beginning level proficiency in the following skill: recognition of need for and utilization of correct techniques in root planing.
- demonstrate beginning level proficiency in the following skill: recognition of and need for utilization of correct techniques in ultrasonics.
- demonstrate beginning level proficiency in the following skill: recognition of need for and correct application of pit and fissure sealants.
- complete periodontal charting including: sulcus depth, gingival recession, mobility, furcation, lack of adequate attached gingiva, frenum pull, diastemas, and malposed teeth.
- demonstrate beginning level proficiency in the following skill: recognition of need for and correct application of desensitizing agents.
- 

## DHYG 127 Dental Materials

<b>Units:</b>	2
<b>Hours:</b>	27 hours LEC; 27 hours LAB
<b>Prerequisite:</b>	DHYG 111, 112, 113, and 117 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course is a survey of dental materials and techniques and their use. It includes training in radiographic decision making and placement of Interim Therapeutic Restorations (ITR). Instruction of ITR consists of four hours of didactic and four hours of laboratory. Clinical ITR instruction is embedded in DHYG 131 and DHYG 141.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- recognize, list, and describe properties and procedures that affect the manipulation, placement, and effectiveness of dental materials.
- explain the effects the oral environment may have on dental material as well as the effect dental materials may have on the oral environment.
- demonstrate the ability to mix dental materials to proper consistency in a reasonable length of time.
- describe and demonstrate the appropriate method for taking, pouring, and trimming alginate impressions for study casts, opposing models, and bleaching trays.
- demonstrate the ability to fabricate functional bleaching trays.
- define and describe the use of dental amalgam and composite restorations.
- compare various bonding techniques and list the specific requirements of each.
- identify and demonstrate the use of various matrix systems.
- discuss dental resins as they relate to both intraoral and extraoral use in dentistry.
- describe various fixed and removable devices and determine which device is best considering specific patient needs.
- demonstrate knowledge of basic endodontic, oral surgery, and implant procedures.
- demonstrate radiographic decision making and placement of Interim Therapeutic Restorations ITR.



# DHYG 129 Dental Anesthesia

<b>Units:</b>	2
<b>Hours:</b>	27 hours LEC; 27 hours LAB
<b>Prerequisite:</b>	DHYG 113 and 121 with grades of "C" or better
<b>Enrollment Limitation:</b>	Acceptance into the dental hygiene program and completion of BIOL 430, 431, and 440; CHEM 305 and 306 with grades of "C" or better, and with a cumulative GPA of 3.0 or better; completion of DHYG 100, NUTRI 300 or NUTRI 400, ENGWR 300 or ENGWR 488, COMM 301 or COMM 331, PSYC 300 or PSYC 400, SOC 300 or SOC 480, Ethnic/Multicultural graduation requirement, and MATH 120 or higher with grades of "C" or better and a cumulative GPA of 2.5 or better; completion of ENGRD 110 or eligibility for ENGRD 310 as determined by the reading assessment process for all applicants who do not have an AA degree or higher.
<b>Catalog Date:</b>	January 1, 2021

Dental Anesthesia covers the science behind local anesthesia with a lab component including oral injections. Anatomical structures of the head and neck and oro-facial variations from normal in a clinical setting are included in the course content. The rationale for this course is to present didactic instruction related to the indications and contraindications of the administration and reversal of local anesthetic agents. Course content will also include head and neck anatomy, physical and psychological evaluation procedures, review of the body systems, theory and psychological aspects of pain and anxiety control, selection of pain control modalities, pharmacological considerations such as action of anesthetics and vasoconstrictors, recovery and post procedure, complications and management of local anesthetic emergencies, armamentarium, techniques for maxillary and mandibular local infiltrations, field blocks and nerve blocks, proper infection control, documentation that meets the standard of care, and medical and legal considerations. Student course evaluation mechanisms are included in didactic instruction prior to preclinical injections. An emphasis will be placed on the administration of local anesthesia. Preclinical injection skills (2 for each injection) will be obtained in preparation for clinical injection requirements in DHYG 131 and DHYG 141. Injections include IO (ASA nerve block), ASA (field block), MSA, PSA, GP, NP (P-ASA), AMSA, IANB (includes lingual), Buccal, mental, incisive, maxillary infiltration (1-16), mandibular infiltration (22-27), and intraseptal.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the indications and contraindications of the administration and reversal of local anesthetic agents.
- describe and demonstrate an understanding of neurophysiology and the theory and psychological aspects of pain and anxiety control.
- demonstrate an understanding of the pharmacology of local anesthetics, review the body systems related to local anesthetics.
- compare and contrast the pharmacology of vasoconstrictors.
- compare the clinical actions of specific local anesthetic agents and the selection of pain control agents.
- demonstrate the assemble of a breech-loading syringe used in dentistry.
- demonstrate an understanding of the types of needles used in dentistry for administering local anesthetic.
- demonstrate an understanding of the components, contents, and the safe handling of a dental anesthetic cartridge.
- demonstrate an understanding of topical anesthetic used in dentistry.
- describe the preparation of the armamentarium when preparing to administer local anesthetic in dentistry including proper infection control procedures for local anesthesia.
- assess the goals of a physical and psychological evaluation.
- demonstrate basic injection techniques used in dentistry including recovery from local anesthesia.
- incorporate anatomical considerations when administering local anesthesia in dentistry.
- demonstrate an understanding of how to safely administer maxillary and mandibular local injections.
- assess indications for supplemental injections in the dental setting.
- evaluate legal considerations related to local anesthesia.
- describe the local and systemic complications of dental anesthesia.
- demonstrate patient documentation that meets the standard of care.
- critique future trends in dental anesthesia.

# DHYG 131 Clinical Dental Hygiene III

<b>Units:</b>	4.5
<b>Hours:</b>	252 hours LAB
<b>Prerequisite:</b>	DHYG 121 and 127 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course provides continued clinical experience in the provision of comprehensive dental hygiene services to a wide variety of patients with different medical and dental needs. The course focuses on progressive development of skills in areas of dental hygiene assessment, diagnosis, treatment planning, preventive and therapeutic services, and evaluation and time management. Students must complete the required number of patients for the semester.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate increased proficiency in efficient handling and evaluation of the prophylaxis patient.
- demonstrate proficiency in the administration of local anesthesia and soft tissue curettage.
- demonstrate increased technical ability for exposing, processing, and evaluating full-mouth radiographs.
- demonstrate beginning proficiency in the selection, development, and implementation of treatment plans for periodontally-involved patients.
- demonstrate the ability to identify and analyze the dietary needs of a patient at risk for dental caries.
- demonstrate satisfactory performance in professionalism.
- demonstrate satisfactory performance in clinical proficiency exams.
- complete the minimum number of patients and services listed in the syllabus.
- complete the minimum number of x-rays, injections, STC and ITR requirements listed in the syllabus.

# DHYG 132 Periodontics II

<b>Units:</b>	1
<b>Hours:</b>	9 hours LEC; 27 hours LAB
<b>Prerequisite:</b>	DHYG 121 and 127 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course develops clinical skills applicable in the treatment of patients with advanced periodontal disease. The course includes demonstrations and performance of tasks on appropriate laboratory materials. It also includes working with a live patient and with a periodontist in the clinical setting using advanced skills, including administration of local anesthesia and soft tissue curettage. Students will synthesize the results of assessments and design and implement treatment for a periodontally involved patient. Soft Tissue Curettage (STC) includes three hours of didactic and preclinical instruction.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- perform all relevant data collection tasks on a patient including, but not limited to, radiographic interpretation and occlusal evaluation in order to facilitate case assessment.
- use appropriate assessments, formulate a dental hygiene diagnosis and comprehensive treatment plan for a non-surgical periodontal therapy, and communicate the plan to the patient including the benefits and limitations of Scaling and Root Planing and Soft Tissue Curettage and the patient's role in effective treatment.
- justify and utilize the correct armamentarium and techniques for patient treatment procedures including safe anesthesia, scaling and root planing and Soft Tissue Curettage (STC).
- examine applicable newer theories, technologies, and procedures as they relate to periodontal care.
- demonstrate correct suture removal on a tyodont and subgingival antimicrobial delivery.
- evaluate the results of treatment and identify the need for referral.

# DHYG 134 Community Dental Health

<b>Units:</b>	2
<b>Hours:</b>	18 hours LEC; 54 hours LAB
<b>Prerequisite:</b>	DHYG 121 and 127 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the Dental Hygiene program.
<b>Catalog Date:</b>	January 1, 2021

Community Dental Health is the study of the philosophy and background of community dental health with emphasis on program planning, implementation, and evaluation. This course includes practical experience implementing programs in various community settings. Extra time outside the normal school schedule may be required for completion of community projects.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the relationship of public health to the roles of the dental hygienist.
- discuss the variety of roles, settings, and duties that are possible for dental hygienists in community settings.
- discuss the basic terms and concepts of epidemiology.
- discuss the conceptual models that illustrate the determinants of health.
- describe the oral health objectives in Healthy People 2010 and 2020.
- discuss measures used to assess oral health in populations.
- discuss the factors that influence oral health in populations.
- demonstrate knowledge of health care financing and delivery.
- identify oral health programs at the local, state, national, and international levels.
- discuss the benefits of primary prevention programs, including fluoride, sealants, and oral health education.
- demonstrate beginning level knowledge and interpretation of biostatistics and research methods.
- discuss and demonstrate applications of health promotion, health communications, and cultural competency in community settings.
- analyze and discuss social responsibility and ethical dilemmas in oral public health settings.
- describe the application of strategies and approaches that enhance cross-cultural communication and education in oral health care settings.
- define and discuss service learning principles.
- plan, implement, and report on an oral health presentation in a preschool or Head Start setting.
- demonstrate and interpret the use of dental indices in applications to dental health promotion and research programs.
- discuss planning and evaluation of oral health programs in the community.
- research a community health agency and complete a written and oral report on the agency.
- visit two different facilities that offer programs for geriatric or medically compromised populations and complete written and oral reports on the facilities.
- review tobacco cessation information and resources as applicable to community oral health programs.
- observe and document participation in community health fairs that target under-served populations.
- discuss the principles of research to community programs and professional journal articles.
- identify the specific stages of the planning cycle including assess, plan, implement, evaluate, and report on an independent oral health project in selected target populations.

# DHYG 135 Clinic Seminar

<b>Units:</b>	1.5
<b>Hours:</b>	27 hours LEC
<b>Prerequisite:</b>	DHYG 121 and 127 with grades of "C" or better

**Enrollment Limitation:** Enrollment in the dental hygiene program.  
**Catalog Date:** January 1, 2021

This course integrates advanced concepts and skills into the clinical experiences of the third semester dental hygiene student. Emphasis is placed on development and implementation of comprehensive patient treatment plans, identification of resources to support evidence-based patient care, and critical thinking skills. This course introduces topics related to aging and its implication for health care providers. Emphasis is on socioeconomic and psychological aspects of aging, as well as normal age-related physiological changes. An overview of community resources that serve the older populations' health and dental needs is also included. Additionally, the preparation for table clinic presentations in Clinic Seminar II is introduced.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- apply advanced instrumentation techniques to the clinical treatment of patients.
- develop and implement periodontally involved patient treatment plans.
- demonstrate an understanding of the treatment needs of patients with involved medical histories.
- apply critical thinking skills to case-based studies and treatment planning.
- identify the major socioeconomic characteristics of the older population, including ethnic, economic, education, family, religious, cultural, and residential factors.
- discuss the influence of demographic and economic factors on health and dental care.
- demonstrate understanding of basic mental health and cognitive function of the older adult.
- describe key health promotion and disease prevention activities appropriate for older people.
- identify age-related physiological changes.
- interact with other health care professionals and community resources in order to provide coordinated care to older adults.

## DHYG 138 Oral Pathology

**Units:** 2  
**Hours:** 36 hours LEC  
**Prerequisite:** DHYG 121 and 127 with grades of "C" or better  
**Enrollment Limitation:** Enrollment in the dental hygiene program.  
**Catalog Date:** January 1, 2021

This course is the introduction to general pathology with a special emphasis on oral pathology. This course also addresses recognition of the normal and abnormal in the oral cavity.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- list and define diagnostic modalities that contribute to the diagnostic process.
- list five classic signs of inflammation that occur locally at the site of inflammation.
- describe the primary difference between an immune response and an inflammatory response.
- describe the factors that allow opportunistic infection to develop.
- recognize developmental disorders of the dentition in adults and children.
- explain the purpose of mitosis and meiosis.
- explain the difference between a benign tumor and a malignant tumor.
- demonstrate an understanding of nonneoplastic disorders of the bone.
- demonstrate an understanding of the oral manifestations of systemic diseases.

## DHYG 139 Pharmacology

**Units:** 2  
**Hours:** 36 hours LEC  
**Prerequisite:** DHYG 121 and 127 with grades of "C" or better  
**Enrollment Limitation:** Enrollment in the dental hygiene program.  
**Catalog Date:** January 1, 2021

Pharmacology is the classification and study of drugs according to origin, physical and chemical properties. This course covers the therapeutic effect and values, particularly of drugs utilized in dentistry.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe the role of pharmacology in the dental hygiene process of care.
- identify the various parts of a written prescription.
- compare the difference between pharmacodynamics and pharmacokinetics.
- understand the difference between the sympathetic and parasympathetic divisions of the autonomic nervous system.
- discuss the commonly used pharmacological agents for the treatment of orofacial pain.
- list the classifications of the different antibiotics including penicillins, cephalosporins, and tetracyclines.
- describe and demonstrate understanding of antiviral and antifungal agents.
- describe and demonstrate understanding of antineoplastic, immunosuppressant, and bisphosphonate drugs.
- list the different categories of drugs used in the treatment of heart conditions.
- describe and demonstrate understanding of peptic ulcer disease and gastroesophageal reflux disease.

- discuss the management of asthma and chronic obstructive pulmonary disease.
- describe and demonstrate understanding of neuralgic drugs.
- discuss the biochemical etiology of the various psychiatric disorders.
- compare the indications and effects of the available medications used to treat diabetes mellitus and thyroid disorders.
- describe the actions of various herbal products used in dentistry.

## DHYG 141 Clinical Dental Hygiene IV

<b>Units:</b>	4.5
<b>Hours:</b>	252 hours LAB
<b>Prerequisite:</b>	DHYG 131, 132, 134, 135, 138, and 139 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course provides continuing clinical experience in performing oral prophylaxis, oral radiographic surveys, charting cases, and patient education. The clinical experience is related to all aspects of dentistry. Students must complete the minimum number of patients and services listed in the syllabus.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- demonstrate increased proficiency in efficient handling and evaluation of the prophylaxis patient using skills listed previously in clinical courses.
- demonstrate beginning-level proficiency in the administration of local anesthesia, administration of nitrous oxide, and soft tissue curettage.
- reduce the patient appointment time while at the same time maintain quality patient treatment.
- demonstrate increased technical ability for exposing, processing, and evaluating full-mouth radiographs.
- demonstrate increased ability in the selection, development, and implementation of treatment plans for periodontally-involved patients.
- complete the minimum number of x-rays, injections, STC, nitrous oxide sedation, and ITRs listed in the syllabus.

## DHYG 145 Clinic Seminar II

<b>Units:</b>	1
<b>Hours:</b>	9 hours LEC; 27 hours LAB
<b>Prerequisite:</b>	DHYG 131, 132, 134, 135, 138, and 139 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course provides instruction in nitrous oxide-oxygen analgesia and caries detection. Students develop critical thinking skills through the discussion of problems and special interest cases encountered in clinical experience. There will be presentations from outside speakers. Additionally, this course is designed to share and discuss unique and common situations that have occurred in the clinic, develop the skills to identify dental caries, and provide a format for research presentations of dental table clinics. This course provides instruction in the administration of nitrous oxide. This course also presents didactic instruction related to the indications and contraindications of the administration of nitrous oxide-oxygen analgesia agents. Course content also includes head and neck anatomy, physical and psychological evaluation procedures, review of the body systems, theory and psychological aspects of pain and anxiety control, selection of pain control modalities, pharmacological considerations such as the action of nitrous oxide-oxygen analgesia, recovery and post procedure, complications and management of nitrous oxide-oxygen analgesia emergencies, armamentarium, techniques for nitrous oxide-oxygen analgesia, proper infection control, documentation that meets the standard of care, and medical and legal considerations. Student course evaluation mechanisms are included in didactic instruction prior to preclinical administration of nitrous oxide. Two (2) Preclinical nitrous oxide-oxygen analgesia skills will be obtained in preparation for three (3) clinical competency administrations in DHYG 141. Each clinical competency shall include the performance of a dental hygiene procedure while administering at least 20 minutes of nitrous-oxygen analgesia.

### Student Learning Outcomes

Upon completion of this course, the student will be able to:

- present an oral case presentation, utilizing appropriate documentation.
- safely administer nitrous oxide to clients, demonstrating an understanding of the armamentarium.
- describe the indications and contraindications of the administration of nitrous oxide.
- assess the physical and psychological evaluation of patients prior to administering nitrous oxide.
- demonstrate proper infection control and legal documentation of the administration of nitrous oxide.
- detect dental caries utilizing the oral exam, Diagnodent, and radiographs.
- understand the mechanisms of Electric Pulp Testing.
- develop and present a professional table clinic research project.
- demonstrate adequate preparation for the National Board Dental Hygiene Exam.
- obtain information presented by the dental industry and use this information to better treat clients.
- demonstrate adequate preparation for the California Clinical Examination and/or the Western Regional Exam (WREB).

## DHYG 149 Ethics, Jurisprudence and Dental Hygiene Practice

<b>Units:</b>	2
<b>Hours:</b>	36 hours LEC
<b>Prerequisite:</b>	DHYG 131, 132, 134, 135, 138, and 139 with grades of "C" or better
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course is the study of the fundamental factors necessary to be employed and practice within the ethical and legal framework of the California State Dental Practice Act and the code of ethics of the American

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- discuss the history of dental hygiene and the current roles for a dental hygienist in the areas of administrator and manager, change agent, clinician, client advocate, educator and oral health promoter, and researcher.
- demonstrate knowledge of the legal duties for the dental assistant, registered dental assistant, registered dental assistant in extended function, registered dental hygienist, and registered dental hygienist in alternative practice in California and the level of supervision required to perform these duties.
- discuss the structure of the American Dental Hygienists' Association at the national, state, and local level and describe benefits of membership in a professional organization.
- discuss the application of the ADHA Code of Ethics to daily dental hygiene practice.
- demonstrate beginning knowledge of jurisprudence terminology and dental hygiene and dental malpractice.
- formulate a cover letter, resume, and personal philosophy of practice.
- compare and contrast the benefits and costs of professional malpractice and disability insurance and list resources for obtaining these policies.
- discuss risk assessment as applied to dental hygiene practice and list potential risk areas.
- discuss key facets of the interview process and formulate a plan for success including key questions and responses which may likely occur in an interview.
- demonstrate basic knowledge of financial planning and asset/debt management for the new graduate.

## DHYG 295 Independent Studies in Dental Hygiene

<b>Units:</b>	1 - 3
<b>Hours:</b>	54 - 162 hours LAB
<b>Prerequisite:</b>	See enrollment limitations
<b>Enrollment Limitation:</b>	Enrollment in the dental hygiene program or a license dental professional obtaining continuing education.
<b>Catalog Date:</b>	January 1, 2021

This course is designed to provide a mechanism for current dental hygiene students or licensed professionals to complete independent studies in dental hygiene education. The course is designed to allow for three uses; supplemental dental hygiene clinic time for currently enrolled dental hygiene students, remediation dental hygiene clinic time for currently enrolled dental hygiene students, or continuing education for licensed dental professionals. Continuing education from dental professionals is a mandated training requirement as a condition of continued employment. (Cal. Code Regs., tit. 5, 55041 allowed for repeatability with no limitations).

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- show improvement in the subject areas agreed upon in the special studies agreement.

## DHYG 296 National Board Pathway

<b>Units:</b>	2
<b>Hours:</b>	36 hours LEC
<b>Prerequisite:</b>	None.
<b>Enrollment Limitation:</b>	Students enrolled in this course must have an alternate acceptance number for admission into the dental hygiene program.
<b>Catalog Date:</b>	January 1, 2021

This course will review and address science National Board Dental Hygiene Exam content and address program policy compliance. Students who have met enrollment eligibility and are on a wait list to start the program may take this course to stay engaged with critical licensure exam content until they are admitted to the program.

## Student Learning Outcomes

Upon completion of this course, the student will be able to:

- describe principles of gross anatomy that relate to the National Board Dental Hygiene Exam.
- describe principles of physiological body functions that relate to the National Board Dental Hygiene Exam.
- describe principles of microbiology and immunology that relate to the National Board Dental Hygiene Exam.
- describe principles of biochemistry that relate to the National Board Dental Hygiene Exam.
- describe principles of medical emergencies that relate to the National Board Dental Hygiene Exam.
- explain principles of safe patient care that relate to the Dental Hygiene Program's policies.

## DHYG 297 Advanced Topics Seminar

<b>Units:</b>	1
<b>Hours:</b>	18 hours LEC
<b>Prerequisite:</b>	None.
<b>Enrollment Limitation:</b>	Possession of or in the process of obtaining a state license for Dentists, Dental Hygienists, or Dental Assistants
<b>Catalog Date:</b>	January 1, 2021

This course offers advanced topics in dental practice as part of a seminar course. Topics include nitrous oxide-oxygen sedation, oral pathology, advanced instrumentation, ergonomics, infection control, and California Dental Practice Act.

# Student Learning Outcomes

Upon completion of this course, the student will be able to:

- differentiate between the concepts of periodontal root debridement therapy and the former scaling-root planing (SRP).
- identify and describe common characteristics (descriptions) of non-malignant and malignant oral lesions.
- identify contraindications to nitrous oxide-oxygen sedation.
- explain the impact of physiological stress on one's well-being.
- interpret California regulations applicable to dental practice.
- outline OSHA and CAL/OSHA regulations that impact the provision of dental care.

## DHYG 299 Experimental Offering in Dental Hygiene

**Units:** 0.5 - 4  
**Prerequisite:** None.  
**Catalog Date:** January 1, 2021

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## More About the Program

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## SCC Dental Clinic

**DENTAL CLINIC** > ([/CAMPUS-LIFE/HEALTH-AND-SAFETY/DENTAL-CLINIC](#))

## Commission on Dental Accreditation

(<https://www.ada.org/en/coda>)

211 East Chicago Avenue  
Chicago, Illinois 60611  
(800) 621-8099

**COMMISSION ON DENTAL ACCREDITATION** > ([HTTPS://WWW.ADA.ORG/EN/CODA](https://www.ada.org/en/coda))

## Health and Health Professions

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This program is part of the Health and Health Professions meta major.

**HEALTH AND HEALTH PROFESSIONS** > ([/ACADEMICS/META-MAJORS/HEALTH-AND-HEALTH-PROFESSIONS](#))