

DH R015: INTRODUCTION TO PRECLINIC/CLINIC FOR DENTAL HYGIENE

Originator

smcdonald

College

Oxnard College

Discipline (CB01A)

DH - Dental Hygiene

Course Number (CB01B)

R015

Course Title (CB02)

Introduction to PreClinic/Clinic for Dental Hygiene

Banner/Short Title

Intro to PreClinic/Clinic

Credit Type

Credit

Start Term

Fall 2023

Catalog Course Description

This course is an introduction to all clinical procedures, such as maintaining the chain of asepsis, and skills, like identifying plaque and calculus, needed for the practice of dental hygiene.

Taxonomy of Programs (TOP) Code (CB03)

1240.20 - *Dental Hygienist

Course Credit Status (CB04)

D (Credit - Degree Applicable)

Course Transfer Status (CB05) (select one only)

C (Not transferable)

Course Basic Skills Status (CB08)

N - The Course is Not a Basic Skills Course

SAM Priority Code (CB09)

C - Clearly Occupational

Course Cooperative Work Experience Education Status (CB10)

N - Is Not Part of a Cooperative Work Experience Education Program

Course Classification Status (CB11)

Y - Credit Course

Educational Assistance Class Instruction (Approved Special Class) (CB13)

N - The Course is Not an Approved Special Class

Course Prior to Transfer Level (CB21)

Y - Not Applicable

Course Noncredit Category (CB22)

Y - Credit Course

Funding Agency Category (CB23)

Y - Not Applicable (Funding Not Used)

Course Program Status (CB24)

1 - Program Applicable

General Education Status (CB25)

Y - Not Applicable

Support Course Status (CB26)

N - Course is not a support course

Field trips

May be required

Grading method

(L) Letter Graded

Does this course require an instructional materials fee?

No

Repeatable for Credit

No

Is this course part of a family?

No

Units and Hours

Carnegie Unit Override

No

In-Class

Lecture

Activity

Laboratory

Minimum Contact/In-Class Laboratory Hours

105

Maximum Contact/In-Class Laboratory Hours

105

Total in-Class

Total in-Class

Total Minimum Contact/In-Class Hours

105

Total Maximum Contact/In-Class Hours

105

Outside-of-Class

Internship/Cooperative Work Experience

Paid**Unpaid****Total Outside-of-Class****Total Outside-of-Class****Minimum Outside-of-Class Hours**

0

Maximum Outside-of-Class Hours

0

Total Student Learning**Total Student Learning****Total Minimum Student Learning Hours**

105

Total Maximum Student Learning Hours

105

Minimum Units (CB07)

2

Maximum Units (CB06)

2

Prerequisites

DH R001 and READ R105 and MATH R100 or MATH R101 or MATH R104 or MATH R105 or MATH R105H or MATH R106 or MATH R115 or MATH R117 or MATH R120 and ANAT R101 and CHEM R110 or CHEM R120 and CHEM R112 and COMM R101 and ENGL R101 or ENGL R101H and MICR R100 and MICR R100L and PHSO R101 and PSY R101 and SOC R101 and ANTH R102 or ANTH R102H or ANTH R107 or ETHS R107 or ANTH R114 or ETHS R114 or CHST R101 or CHST R102 or ECE R107 or SJS R110 or ETHS R110 or SOC R103 or SOC R108 or CHST R108

Corequisites

DH R010 and DH R011 and DH R012 and DH R013 and DH R014

Advisories on Recommended Preparation

BIS R122 and SPAN R100 or SPAN R110 or SPAN R200 or SPAN R210 or SPAN R220 or SPAN R220H or SPAN R230 or SPAN R230H

Limitations on Enrollment

Current CPR certification for health care provider (American Heart Association) or professional rescuer (American Red Cross)
 Current negative TB test or chest x-ray
 No acrylic or long nails in clinical settings
 No visible tattoos or visible body piercings except single studs in earlobes
 Physical examination demonstrating general good health
 Proof of freedom from and immunity to communicable diseases
 Others (specify)

Other Limitations on Enrollment

Admittance to Dental Hygiene program per application process

Entrance Skills**Entrance Skills**

Students need to be proficient in oral and human anatomy.

Prerequisite Course Objectives

ANAT R101-Discuss both the gross and macro-anatomical structures and basic functions of the human system using accepted anatomical terms, planes, and points of reference.
 ANAT R101-Distinguish the major cell and tissue types based on their morphology and functional characteristics.
 ANAT R101-Predict, explain and analyze which cell or tissue type would be located in a given region based on the known characteristics of cells and tissues.
 ANAT R101-Explain histological processes undertaken in producing prepared slides.

ANAT R101-Identify and recognize the parts of the human organ systems focusing most intently on the integument, skeletal, muscular, nervous, endocrine, digestive, circulatory, respiratory and uro-genital systems.

Entrance Skills

Students need an understanding of diverse patient populations so students will be better able to incorporate cultural competence into their practice.

Prerequisite Course Objectives

ANTH R102-Define the scope of anthropology and discuss the role of cultural anthropology within the discipline.
 ANTH R102-Recognize the methods, theories and perspectives used to study and understand human cultures.
 ANTH R102-Explain the importance of the ethnographic method in the study of culture.
 ANTH R102-Employ the relativist perspective while discussing cultural variation.
 ANTH R102H-Define the scope of anthropology and discuss the role of cultural anthropology within the discipline.
 ANTH R102H-Recognize the methods, theories and perspectives used to study and understand human cultures.
 ANTH R102H-Explain the importance of the ethnographic method in the study of culture.
 ANTH R102H-Employ the relativist perspective while discussing cultural variation.
 ANTH R114-Demonstrate a critical understanding of African American culture and experience across time, paying particular attention to the structural impact of racist policies, intersectionality, resistance and the importance of creating a more equitable society.
 ANTH R114-Recognize and apply key African American studies and anthropological concepts such as race, identity, ethnocentrism, gender, sexuality, class and intersectionality.
 CHST R101-Define and describe Chicana/o and Chicana/o culture.
 CHST R101-Identify the basic framework, chronology, and significant aspects of the Chicana/o experience in the United States, past and present.
 CHST R101-Apply critical thinking and writing skills through written and oral presentations.
 CHST R101-Describe political and social issues influencing the Chicana/o population.
 CHST R101-Describe the demographics of the Chicana/o population.
 CHST R101-Describe how struggle, resistance, social justice, solidarity and liberation as experienced by communities of color are relevant to current issues.
 ECE R107-Identify various forms of diversity.
 ECE R107-Explore the influences of stereotypes, bias, and discrimination.
 ECE R107-Evaluate the relationship between one's own experiences and the development of personal bias.
 ECE R107-Identify the influences on the social-emotional growth and development of one's social identity and create an environment where each child is treated with fairness and respect.
 SJS R110-Assess the growth and diversity of ethnic and racial groups in the United States and the historical development of Ethnic Studies.
 SJS R110-Compare and contrast the important minority groups in the United States.
 SJS R110-Assess the status of important minority groups in the United States.
 SJS R110-Demonstrate an understanding of minority-majority group relations.
 SOC R103-Analyze the nature of prejudice and racism in America.
 SOC R103-Define the socio-legal aspects of race relations and its influence on social behavior.
 SOC R103-Describe cause and effect relationship between social institutional experiences and the current status of ethnic groups in America.
 SOC R108-Explain the socio-cultural factors and institutional factors impacting the Chicana/o community.
 SOC R108-Explain the roles of assimilation and acculturation in the Chicana/o Experience.
 SOC R108-Explain the diversity and complexity of Chicana/o Identities through an intersectional lens.

Entrance Skills

Students must possess basic Biology knowledge in order to identify the bacteria found in the oral cavity and body and the role it plays in disease process.

Prerequisite Course Objectives

BIOL R101-Describe the scientific method of inquiry as it relates to biological organisms.
 BIOL R101-Describe the structure and function of cells and common organelles and their relationship to tissues, organs, and organ systems.
 BIOL R101-Explain the chemical and molecular basis for human nutritional needs.
 BIOL R101-Explain energy flow through the biological world with reference to photosynthesis, cellular respiration, and ecological cycles.
 BIOL R101H-Describe the scientific method of inquiry as it relates to biological organisms.
 BIOL R101H-Describe the structure and function of cells and common organelles and their relationship to tissues, organs, and organ systems.
 BIOL R101H-Explain the chemical and molecular basis for human nutritional needs.
 BIOL R101H-Explain energy flow through the biological world with reference to photosynthesis, cellular respiration, and ecological cycles.
 BIOL R101L-Recognize animal, plant, and bacterial cells and their sub-cellular structures.

BIOL R101L-Describe cellular and biological processes including osmosis, photosynthesis, cellular respiration, mitosis, meiosis, and protein synthesis.

Entrance Skills

Students must possess knowledge of chemistry to be able to relate it to the use of chemotherapeutic agents and dental materials.

Prerequisite Course Objectives

CHEM R110-Analyze the fundamental features of chemistry including measurement, mathematical conversion of measured physical properties such as mass, volume, density, pressure, temperature, solutions, concentrations, and dilutions.

CHEM R110-Perform conversions using the technique of dimensional analysis and memorized metric conversion factors.

CHEM R110-Give the names and symbols of the common elements.

CHEM R110-Describe the properties of water and other liquids.

CHEM R112-Describe the process of polymerization.

CHEM R112-Describe the structural features of carbohydrates.

CHEM R112-State the monosaccharide composition of the disaccharides, such as sucrose, lactose, and maltose.

CHEM R112-Describe the structural features of amino acids and proteins.

CHEM R112-Name the components of an enzyme.

CHEM R112-Demonstrate knowledge of major biochemical components in metabolism.

Entrance Skills

Communication is a skill needed for presenting case presentations and treatment plans as well as delivering oral hygiene instructions to patients.

Prerequisite Course Objectives

COMM R101-Use proper delivery techniques in speeches

COMM R101-Use proper vocal range during speeches

COMM R101-Use proper hand gestures during speeches

COMM R101-Evaluate their own progress in public speaking

COMM R101-Clearly convey a specific message in a public venue

Entrance Skills

Students must have adequate knowledge of dental terminology, infection control, patient education, preventive techniques, importance of vitals and how to take them, sterilization of equipment and instruments, and radiology.

Prerequisite Course Objectives

DH R001-Correctly define and use a variety of different dental terminology

DH R001-Describe and duplicate appropriate handwashing technique

DH R001-Explain the use of fluorides, disclosing agents, and sealants in the dental practice

DH R001-Practice the proper set-up and break-down of a dental operator

DH R001-Correctly employ the use of personal protective equipment

DH R001-Practice the basic techniques of infection control in the dental practice

DH R001-Practice the principles of vital taking and recording

DH R001-Employ appropriate techniques for sterilization of dental instruments

DH R001-List the types of tooth numbering and employ the principles

DH R001-Identify basic head and neck anatomy

DH R001-Duplicate the proper mounting of dental radiographs

DH R001-Identify basic radiographic landmarks

DH R001-Discuss the basic differences between a dental assistant, dental hygienist, dentist, and a specialist

Entrance Skills

Students must possess proper command of the English language in order to do literature review.

Prerequisite Course Objectives

ENGL R101-Write multiple-page expository and persuasive essays

ENGL R101-Demonstrate college-level control of mechanical elements of writing such as grammar, syntax, spelling, vocabulary, and idiomatic usage

ENGL R101-Research a topic, analyze and synthesize information, and report findings in a properly documented essay

ENGL R101H-Write multiple-page expository and persuasive essays

ENGL R101H- Demonstrate college-level control of mechanical elements of writing such as grammar, syntax, spelling, vocabulary, and idiomatic usage

Entrance Skills

Students must possess proper command of Mathematics to determine indices of plaque, calculus, gingival attachment loss, and probing depths.

Prerequisite Course Objectives

MATH R005-Simplify algebraic expressions

MATH R005-Solve linear equations.

MATH R005-Solve linear inequalities and graph solutions on a number line.

MATH R005-Solve problems and applications involving systems of equations in three (3) variables.

MATH R005-Simplify expressions involving positive, negative, and rational exponents.

MATH R015-Evaluate and simplify algebraic expressions.

MATH R015-Solve linear equations.

MATH R015-Simplify expressions with positive and negative exponents.

MATH R015-Convert decimals to scientific notation and vice versa.

MATH R015-Add, subtract, and multiply polynomials.

MATH R105-Distinguish among different scales of measurement and their implications

MATH R105-Interpret data displayed in table(s) and graphically

MATH R105-Apply concepts of sample space, probability, and counting techniques

MATH R105-Calculate measure of central tendency and variation for a given data set

MATH R105-Identify the standard measures of obtaining data and identify advantages and disadvantages of each (i.e. use appropriate language)

MATH R105-Calculate the mean and variance of discrete distribution(s)

MATH R105-Calculate probability using normal and t-distributions

MATH R105-Determine the appropriate hypothesis test involving samples from one and two populations, conduct the appropriate test, and interpret the results

MATH R105-Use appropriate statistical techniques to analyze and interpret applications based on data from various disciplines including, but not limited to business, social science, psychology, life science, health science, and education

MATH R105H-Distinguish among different scales of measurement and their implications

MATH R105H-Interpret data displayed in table(s) and graphically

MATH R105H-Apply concepts of sample space, probability, and counting techniques

MATH R105H-Calculate measure of central tendency and variation for a given data set

MATH R105H-Identify the standard measures of obtaining data and identify advantages and disadvantages of each (i.e. use appropriate language)

MATH R105H-Calculate the mean and variance of discrete distribution(s)

MATH R105H-Calculate probability using normal and t-distributions

MATH R105H-Determine the appropriate hypothesis test involving samples from one and two populations, conduct the appropriate test, and interpret the results

MATH R105H-Use appropriate statistical techniques to analyze and interpret applications based on data from various disciplines including, but not limited to business, social science, psychology, life science, health science, and education

Entrance Skills

Students must possess an understanding of Physiology in order to relate it to the periodontal process.

Prerequisite Course Objectives

PHSO R101-Define and recall terms used to describe the physiological processes covered in the course.

PHSO R101-Apply these terms in interpretation of data gathered in lab and utilized in the construction of tables and graphs.

PHSO R101-Explain the basic concepts of physiology and relate them to clinical situations.

PHSO R101-Analyze and evaluate the concepts of physiologic theories as they relate to the laws of physics and chemistry.

Entrance Skills

Students must possess knowledge of microbial transmission and prevention of diseases, infection control, and immune system functions.

Prerequisite Course Objectives

MICR R100-Categorize the basic principles of microbial control.

MICR R100-Interpret the immune system's functions and various host defense mechanisms found in the eukaryotes.

MICR R100-Illustrate the principles of disease transmission and prevention.

MICR R100L-Demonstrate the principles of asepsis

MICR R100L-State an understanding of colonization and infectious disease

Entrance Skills

Students must possess an understanding of Psychology and Sociology in order to relate it to relationships with patient needs.

Prerequisite Course Objectives

PSY R101-Recognize and understand the impact of diversity on psychological research, theory and application, including (but not limited to): age, race, ethnicity, culture, gender, socio-economic status, disability, and sexual orientation.
 PSY R101-Demonstrate critical thinking skills and information competence as applied to psychological topics.
 PSY R101-Draw the distinction between scientific and non-scientific methods of understanding and analysis.
 SOC R101-Describe the methodology, theory and research techniques of the basic perspectives in sociology.
 SOC R101-Describe cause and effect relationships between the individual and society.

Requisite Justification**Requisite Type**

Prerequisite

Requisite

DH R001

Requisite Description

Course in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

BIOL R101 or BIOL R101H

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

BIOL R101L

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Closely related lecture/laboratory course

Requisite Type

Prerequisite

Requisite

MATH R105 or MATH R105H

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

ANAT R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

CHEM R110 or CHEM R120

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

CHEM R112

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

COMM R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

ENGL R101 or ENGL R101H

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

MICR R100

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

MICR R100L

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Closely related lecture/laboratory course

Requisite Type

Prerequisite

Requisite

PSY R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

SOC R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

ANTH R102 or ANTH R102H

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

ANTH R114

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

CHST R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

ECE R107

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

SJS R110 or ETHS R110

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

SOC R103

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

SOC R108 or CHST R108

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DH R010

Requisite Description

Corequisite

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DH R011

Requisite Description

Corequisite

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DH R012

Requisite Description

Corequisite

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DH R013

Requisite Description

Corequisite

Level of Scrutiny/Justification

Content review

Requisite Type

Corequisite

Requisite

DH R014

Requisite Description

Corequisite

Level of Scrutiny/Justification

Content review

Requisite Type

Prerequisite

Requisite

PHSO R101

Requisite Description

Course not in a sequence

Level of Scrutiny/Justification

Content review

Requisite Type

Advisory

Requisite

READ R105

Requisite Type

Advisory

Requisite

BIS R122

Requisite Type

Advisory

Requisite

SPAN R100 or SPAN R110 or SPAN R200 or SPAN R210 or SPAN R220 or SPAN 220H or SPAN R230 or SPAN R230H

Student Learning Outcomes (CSLOs)

Upon satisfactory completion of the course, students will be able to:

- 1 Perform correct polishing procedures and appropriately administer fluoride.
- 2 Perform the correct technique of assessment instruments.
- 3 Perform the correct technique of calculus removal instruments.

Course Objectives

Upon satisfactory completion of the course, students will be able to:

- | | |
|----|--|
| 1 | Use proper sterilizing and sanitizing procedures in clinic, and maintain the chain of asepsis |
| 2 | Correctly operate and maintain the dental unit |
| 3 | Describe and take comprehensive medical, dental, and personal histories |
| 4 | Perform oral examination procedures utilizing a prescribed sequence |
| 5 | Identify plaque and calculus |
| 6 | Chart plaque and gingival indices |
| 7 | Apply the correct procedures for retraction, direct and indirect vision, illumination, and transillumination of the mouth mirror |
| 8 | Use the correct grasp and fulcrum of dental instruments |
| 9 | Chart both restorative and periodontal charts |
| 10 | Locate, clinically, all hard deposits supragingival and subgingival |
| 11 | Remove deposits using the prescribed scaling instruments |
| 12 | Use air in the detection and removal of deposits |
| 13 | Perform correct polishing procedures |
| 14 | Use air in the detection and removal of soft deposits including plaque and stain |
| 15 | Explain different types of fluoride applications and their effects on oral tissues |

Course Content

Lecture/Course Content

1. Demonstrate knowledge of basic clinical and behavioral sciences.
2. Apply knowledge of basic clinical and behavioral science in providing patient care
3. Utilize problem-solving and decision-making skills in providing patient care.
4. Demonstrate clinical skills essential for treating patients.
5. Analyze and interpret data to formulate a dental hygiene diagnosis.
6. Identify the patient at risk for a medical emergency and be prepared to handle the emergency should it occur in an appointment.
7. Recognize medical conditions that require treatment modifications prior to or during dental hygiene treatment.
8. Perform extra and intraoral examinations including assessment of vital signs and accurately record findings.
9. Perform an examination of the teeth and accurately record findings.
10. Evaluate the periodontium and identify conditions that compromise periodontal health and function.
11. Determine priorities and establish oral health goals with the patient/family and/or guardian as an active participant.
12. Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis using the problem-based approach.
13. Communicate the plan of dental hygiene services to the dentist and clinical faculty.
14. Utilize accepted infection control procedures.
15. Apply basic and advanced principles of dental hygiene instrumentation to remove deposits without trauma to the hard or soft tissues of the child, adolescent, adults, geriatric and the medically compromised.
16. Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.
17. Determine the clinical outcomes of dental hygiene interventions using indices, instruments and examination techniques.
18. Determine the patient's satisfaction with the dental hygiene care received and the oral health status achieved.
19. Provide compassionate and humane care to all patients.

Laboratory or Activity Content

1. Demonstrate knowledge of basic clinical and behavioral sciences.
2. Apply knowledge of basic clinical and behavioral science in providing patient care
3. Utilize problem-solving and decision-making skills in providing patient care.
4. Demonstrate clinical skills essential for treating patients.
5. Analyze and interpret data to formulate a dental hygiene diagnosis.
6. Identify the patient at risk for a medical emergency and be prepared to handle the emergency should it occur in an appointment.
7. Recognize medical conditions that require treatment modifications prior to or during dental hygiene treatment.
8. Perform extra and intraoral examinations including assessment of vital signs and accurately record findings.

9. Perform an examination of the teeth and accurately record findings.
10. Evaluate the periodontium and identify conditions that compromise periodontal health and function.
11. Determine priorities and establish oral health goals with the patient/family and/or guardian as an active participant.
12. Establish a planned sequence of educational and clinical services based on the dental hygiene diagnosis using the problem-based approach.
13. Communicate the plan of dental hygiene services to the dentist and clinical faculty.
14. Utilize accepted infection control procedures.
15. Apply basic and advanced principles of dental hygiene instrumentation to remove deposits without trauma to the hard or soft tissues of the child, adolescent, adults, geriatric and the medically compromised.
16. Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.
17. Determine the clinical outcomes of dental hygiene interventions using indices, instruments and examination techniques.
18. Determine the patient's satisfaction with the dental hygiene care received and the oral health status achieved.
19. Provide compassionate and humane care to all patients.

Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises
Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Clinical demonstration
Laboratory activities
Laboratory reports
Oral analysis/critiques
Role playing
Skills demonstrations
Skills tests or practical examinations
Treatment plans
Other (specify)
Projects
Problem-Solving Assignments

Other

Practicum I and II (OSCE's)

Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations
Case studies
Class activities
Clinical demonstrations
Group discussions
Instructor-guided interpretation and analysis
Instructor-guided use of technology
Practica
Role-playing

Describe specific examples of the methods the instructor will use:

Audio-visual presentation - The modules have demonstrations for the students to observe at home while practicing.

Case studies - Sample case studies are given to each student and they will determine the correct treatment plan.

Class activities - Group practicing on typodonts with instructor-guided help.

Clinical demonstrations - Each module is demonstrated by an instructor prior to the student practicing on their own.

Group discussions - The students are encouraged to work with their peers to evaluate their demonstrations and offer assistance when needed.

Instructor-guided interpretations and analysis - During patient care, the student will give their interpretations of treatment needed. Instructors will guide them in their final analysis before performing treatment.

Instructor-guided use of technology - Dental software for charting and appointment making is used in private practices and the Oxnard College Dental Hygiene clinic. The students will need to become familiar with the most common software programs available.

Practica - Twice a semester, students will go from station to station demonstrating a specified module that was presented during the previous classes.

Role-playing - When reviewing health histories, students will take turns being patient and hygienist while determining treatment modifications.

Representative Course Assignments

Writing Assignments

1. There are no written assignments for DH R015 because the course is completely clinical in order to prepare students for patient treatment. The correlating lecture course, DH R014, does have written assignments.

Critical Thinking Assignments

1. The students will determine the correct treatment plan given the appropriate medical and dental history prior to actual treatment.
2. The students will determine the correct oral aids to recommend to the patient during and after treatment.

Reading Assignments

1. Student will spend a minimum of 2 hours per week outside of regular class time reading and reviewing assigned dental health education topics, such as caries risk assessment

Skills Demonstrations

1. Demonstrate correct ergonomics while treating patients.
2. Demonstrate correct infection control techniques.
3. Demonstrate correct instrumentation (hard and soft deposit removal) techniques.
4. Demonstrate correct charting procedures.
5. Demonstrate correct sharpening and polishing techniques.
6. Demonstrate complete extraoral and intraoral screening procedures.

Outside Assignments

District General Education

A. Natural Sciences

B. Social and Behavioral Sciences

C. Humanities

D. Language and Rationality

E. Health and Physical Education/Kinesiology

F. Ethnic Studies/Gender Studies

CSU GE-Breadth

Area A: English Language Communication and Critical Thinking

Area B: Scientific Inquiry and Quantitative Reasoning

Area C: Arts and Humanities

Area D: Social Sciences

Area E: Lifelong Learning and Self-Development

Area F: Ethnic Studies

CSU Graduation Requirement in U.S. History, Constitution and American Ideals:

IGETC

Area 1: English Communication

Area 2A: Mathematical Concepts & Quantitative Reasoning

Area 3: Arts and Humanities

Area 4: Social and Behavioral Sciences

Area 5: Physical and Biological Sciences

Area 6: Languages Other than English (LOTE)

Textbooks and Lab Manuals

Resource Type

Textbook

Description

Nield-Gehrig, Jill S. and Willmann Donald E. (2016). *Patient Assessment Tutorials* (4th). Wolters Kluwer/Lippincott Williams & Wilkins.

Resource Type

Textbook

Description

Nield-Gehrig, Jill S. (2016). *Fundamentals of Periodontal Instrumentation* (8th). Wolters Kluwer/Lippincott Williams & Wilkins.

Resource Type

Textbook

DescriptionDarby, Michele, Walsh, Margaret. (2020). *Dental Hygiene Theory and Practice* (5th). Wolters Kluwer/Lippincott Williams & Wilkins.**Resource Type**

Textbook

DescriptionJohnson, O. and Thomson, E.M. (2018). *Essentials of Dental Radiography for Dental Assistants and Hygienists* (10th). Prentice Hall.**Resource Type**

Textbook

DescriptionOxnard Dental Hygiene Faculty (2020). *Oxnard College Dental Hygiene Handbook*. Oxnard College Publications.**Resource Type**

Other Instructional Materials

Description

Typodonts, facemasks, and tongues for practicing scaling procedures.

Resource Type

Other Instructional Materials

Description

Various clinic supplies and materials.

Resource Type

Other Instructional Materials

Description

Scalers, curettes, files, and other dental instruments.

Library Resources**Sufficient Library Resources exist**

No

Primary Minimum Qualification

DENTAL TECHNOLOGY

Additional local certifications required

Dental Hygiene faculty members must comply with the requirements set by the Commission on Dental Accreditation (CODA). CODA requires that program faculty member providing didactic instruction must have earned at least a baccalaureate degree in discipline related field. All dental hygiene faculty members must have current knowledge of the specific subjects they are teaching and documented background in educational methodology consistent with their teaching assignments. Dentists and dental hygienists who supervise students' clinical procedures should have qualifications which comply with the state dental or dental hygiene act. Individuals who teach and supervise dental hygiene students in clinical enrichment experiences should have qualifications comparable to faculty who teach in the dental hygiene clinic and are familiar with the program's objectives, content, instructional methods and evaluation procedures.

Review and Approval Dates

Department Chair

10/28/2022

Dean

10/28/2022

Technical Review

11/09/2022

Curriculum Committee

11/09/2022

Curriculum Committee

11/23/2022

Control Number

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DOE/accreditation approval date

MM/DD/YYYY